

October 1, 1998

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

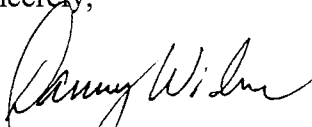
Attention: Minerals

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Rosewood Resources, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the Federal H #34-30 well, located SW SE Sec. 30, T10S - R24E.

I should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Rosewood Resources, Inc. agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned well. If you have any questions, please feel free to contact me at (435) 789-0414.

Sincerely,



Danny Widner  
Drilling Manager

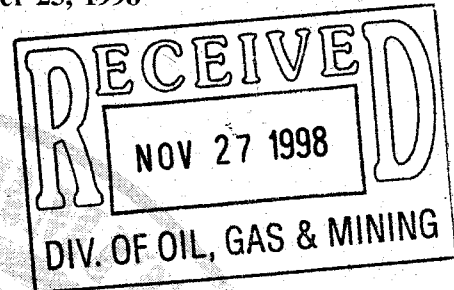
DW/ln



14421 Weld County Rd.10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

November 25, 1998

Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801



Attn: John Baza

Re: Rosewood Resources, Inc.  
Federal H #34-30  
592' FSL and 2089' FEL  
SW SE Sec. 30, T10S - R24E  
Uintah County, Utah

Dear John,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well along with one copy of the drilling program and surface use plan which has been filed with the BLM in Vernal, Utah.

Please forward the approved copies Lucy Nemec of Rosewood Resources, Inc., P.O. Box 1668, Vernal, UT 84078. Thanks for your assistance in this matter. If you have any questions, please don't hesitate to contact me.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script, reading "Lisa L. Smith".

Lisa L. Smith  
Consultant for:  
Rosewood Resources, Inc.

Enc.

cc: Rosewood Resources, Inc. - Vernal, UT  
Rosewood Resources, Inc. - Dallas, TX

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Rosewood Resources, Inc.

Phone: 435/789-0414

Fax: 435/789-0497

265 East 100 South

Vernal, UT 84078

3. ADDRESS AND TELEPHONE NO.

PERMITCO INC.

Phone: 303/857-9999

Fax: 303/857-0577

14421 Weld County Road 10

Ft. Lupton, CO 80621

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At Surface

592' FSL and 2089' FEL

130

637

649239.35

4419490.65

At proposed prod. zone

SW SE Sec. 30, T10S - R24E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 25.4 miles south of Ouray, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

554'

16. NO. OF ACRES IN LEASE

2240 Acres

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 Acres

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

7,100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,313' ungraded

22. APPROX. DATE WORK WILL START\*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	61#	300'	360 sx to circulate surface
12-1/4"	9-5/8"	36#	2,500'	690 sx top of cmt @ surface
7-7/8"	4-1/2"	11.6#	7,100'	900 sx - top of cmt @ 2400'

Rosewood Resources, Inc. proposes to drill a well to 7,100' to test the Wasatch and Mesa Verda Formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

**CONFIDENTIAL - TIGHT HOLE**

See Onshore Order No. 1 attached.

Please be advised that Rosewood Resources, Inc. is considered to be the Operator of the above mentioned well. Rosewood Resources, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Nationwide Bond No. MT-0627. The principal is Rosewood Resources, Inc. via surety consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature]

TITLE Consultant For:  
Rosewood Resources, Inc.

Date 11/25/98

(This space for Federal or State office use)

PERMIT NO.

43-047-33263

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

**Federal Approval of this  
Action is Necessary**

APPROVED BY

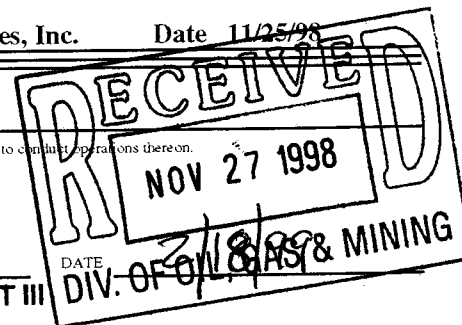
[Signature]

TITLE

**BRADLEY G. HILL**  
**RECLAMATION SPECIALIST III**

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



R  
23  
E

T10S, R24E, S.L.B.&M.

N89°17'W - 39.68 (G.L.O.)

N89°46'W - 39.73 (G.L.O.)

N00°01'W - 39.96 (G.L.O.)

NORTH - 40.44 (G.L.O.)

LOT 1

LOT 2

LOT 3

FEDERAL H #34-30

Elev. Ungraded Ground = 5313'

LOT 4

1976 Brass Cap  
0.3' High, Pile  
of Stones

S89°41'W - 39.47 (G.L.O.)

S89°58'44"W 2642.56' (Meas.)

1975 Brass Cap  
0.5' High, Pile  
of Stones

N00°08'W - 39.64 (G.L.O.)

1975 Brass Cap  
0.4' High

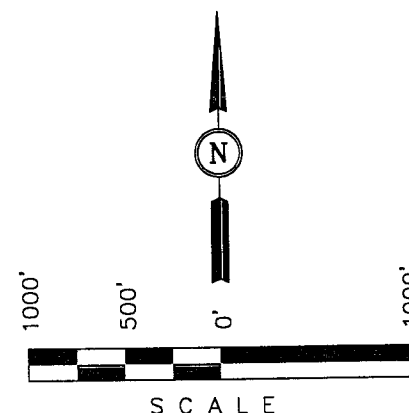
N00°02'E - G.L.O. (Basis of Bearings)  
2638.96' - (Measured)

## ROSEWOOD RESOURCES, INC.

Well location, FEDERAL H #34-30, located as shown in the SW 1/4 SE 1/4 of Section 30, T10S, R24E, S.L.B.&M. Uintah County Utah.

### BASIS OF ELEVATION

BENCH MARK 87 EAM LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE. QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161349  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°54'51"  
LONGITUDE = 109°15'15"

SCALE 1" = 1000'	DATE SURVEYED: 10-13-98	DATE DRAWN: 10-16-98
PARTY K.K. T.A. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ROSEWOOD RESOURCES, INC.	

**CONFIDENTIAL - TIGHT HOLE**

**ONSHORE OIL & GAS ORDER NO. 1**

**Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases**

**FEDERAL H #34-30  
592' FSL and 2089' FEL  
SW SE Sec. 30, T10S - R24E  
Uintah County, Utah**

**Prepared For:**

**ROSEWOOD RESOURCES, INC.**

**By:**

**PERMITCO INC.  
14421 Weld County Road 10  
Ft. Lupton, Colorado 80621  
303/857-9999**

**Copies Sent To:**

- 3 - Bureau of Land Management - Vernal, UT**
- 1 - Utah Division of Oil, Gas & Mining - Salt Lake City, UT**
- 3 - Rosewood Resources, Inc. - Vernal, UT**
- 3 - Rosewood Resources, Inc. - Dallas, TX**



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Lease No. UTU-66421

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ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Green River	Surface	+5,984'
Wasatch	2,580'	+3,404'
Mesa Verde	4,480'	+1,504'
Mancos	6,300'	- 316'
T.D.	7,100'	-1,116'

2. Anticipated Depths of Oil, Gas, Water or Mineral Formations

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Wasatch	2,580'-4,480'
Oil/Gas	Mesa Verde	4,480'-6,300'
Oil/Gas	Mancos	6,300'-7,100'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.



3. Blow Out Preventor Requirements/Equipment

Rosewood's minimum specifications for pressure control equipment are as follows:

Ram Type: 10" Hydraulic double with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.



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A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 10", 3000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.



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4. Proposed Casing and Cementing Program

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.



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- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Surface	0-300'	17-1/4"	13-3/8"	61#	J/K-55	ST&C	New
Intermed.	0-2,500'	12-1/4"	9-5/8"	36#	J-55	LT&C	New
Produc.	0-7,100'	7-7/8"	4-1/2"	11.6#	N-80	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-300'	360 sx Class "G" with 2% CaCl & .25#/sk Cello-Flake, or sufficient to circulate to surface.



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Intermediate  
0-2,500'

Type and Amount

Lead: 475 sx Premium Light +1% Econolite + 0.25#/sx  
Flocele +3% /salt

Tail: 215 sx Premium +2% CaCl + 0.25#/sx Flocele. Top  
of cement estimated to be at surface.

Production  
0-7,100'

Type and Amount

900 sx Class "G" + .3% CFR-3 + .25#/sk Flocele + .5%  
Halad 9 + 2% Gel + 2% Microbond. The estimated top of  
the Cement is 2400'.

Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
  - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
    - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.



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s. Auxiliary equipment to be used is as follows:

1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

5. Mud Program

a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-500'	Air/Air Mist	---	---	---	---
500-2,500'	Clear Water	8.4	---	---	---
2,500'-TD	Gel Mud	8.4-9.8	35-45	8-10	9

There will be sufficient mud on location to control a blowout should one occur.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

e. The use of materials under BLM jurisdiction will conform to 43 CFR 361



6. Evaluation Program - Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of the following logs: An array Induction log and DCL, CNL, ML will be run from T.D. to 500'.
- c. Selected sidewall cores will be run in the Mesa Verde and Wasatch formations.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description and all other surveys or data obtained and compiled during the



drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases will be submitted when requested by the authorized officer (AO).

- e. The anticipated completion program will be to test prospective zones in Mesa Verde and Wasatch Formations by perforating and fracture stimulation.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Pressures and H<sub>2</sub>S Gas

- a. The expected bottom hole pressure is 3000 psi.
- b. No hydrogen sulfide gas is anticipated and no abnormal pressures or temperatures are anticipated.

8. Anticipated Starting Dates and Notification Requirements

- a. Drilling will commence upon approval.
- b. It is anticipated that the drilling of this well will take approximately 7-10 days.
- c. The BLM in Vernal, Utah shall be notified of anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.



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- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.



ONSHORE ORDER NO.  
Rosewood Resources, Inc.  
Federal H #34-30  
592' FSL and 2089' FEL  
SW SE Sec. 30, T10S - R24E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-66421

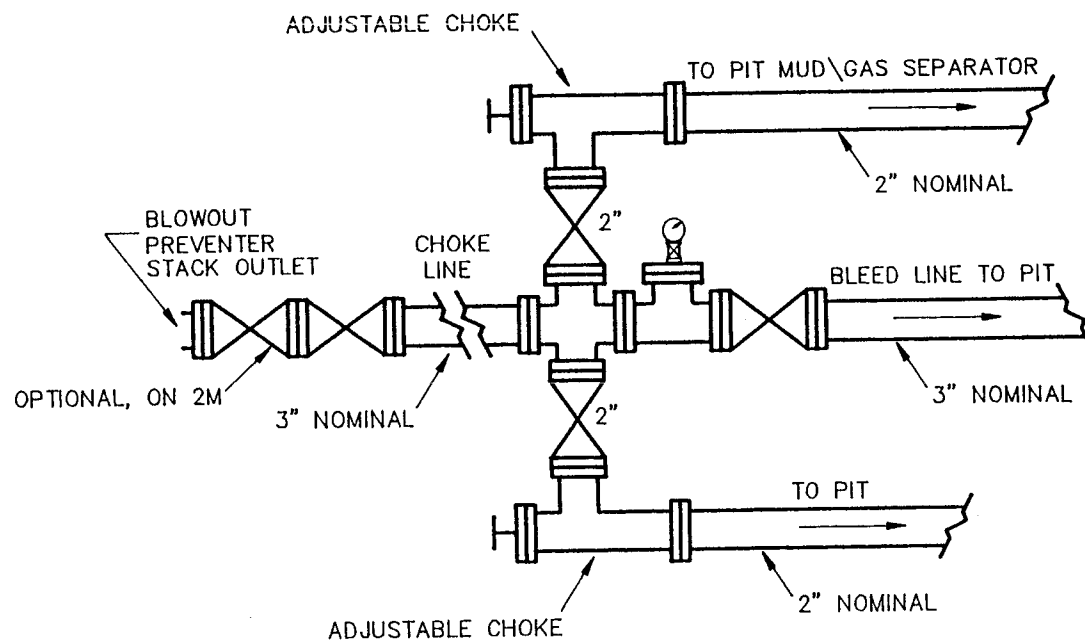
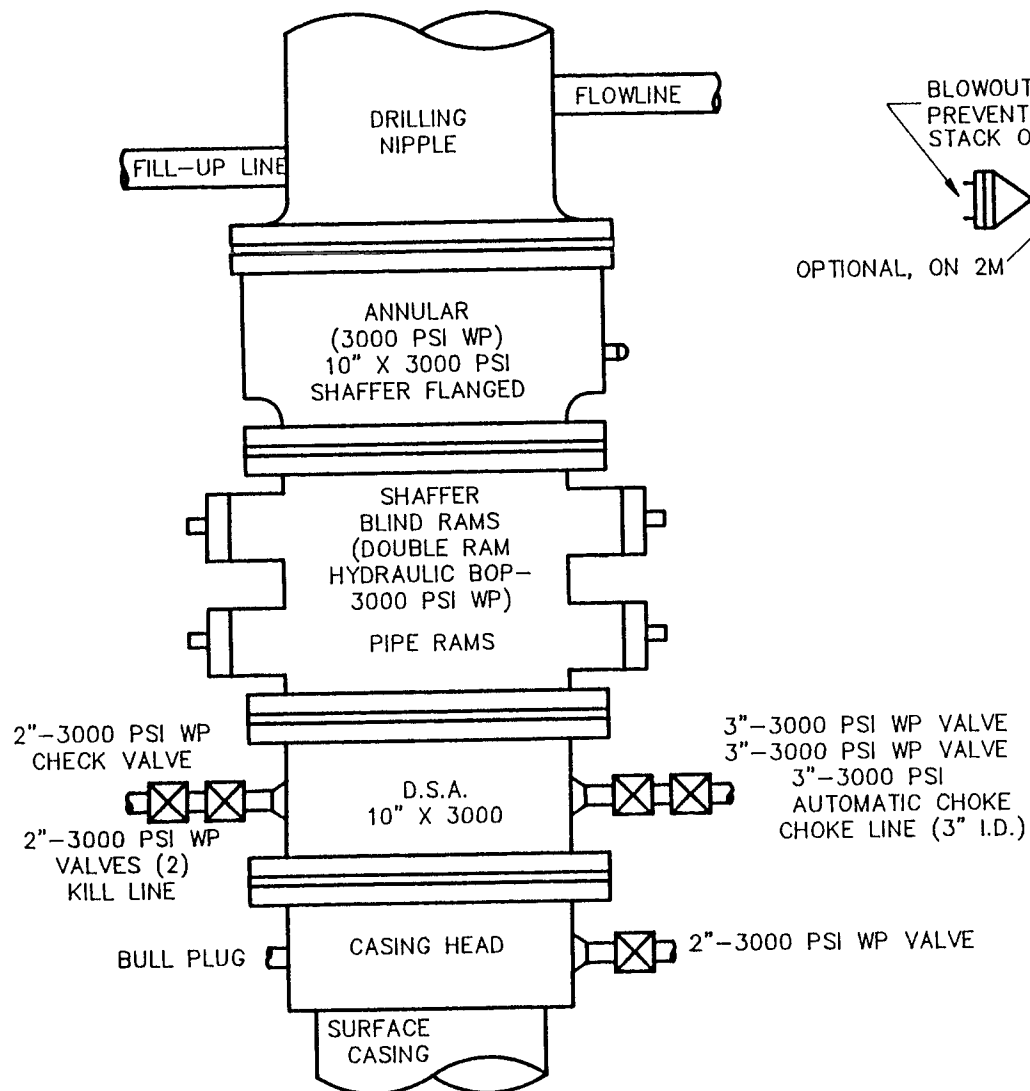
DRILLING PROGRAM

Page 11

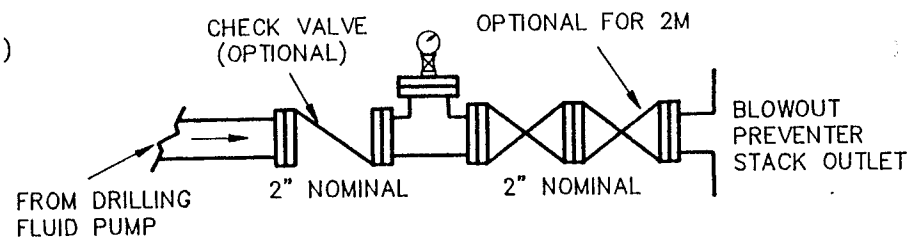
- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



# BOP SCHEMATIC 3000 PSI WORKING PRESSURE



TYPICAL CHOKE MANIFOLD ASSEMBLY  
FOR 3M RATED WORKING  
PRESSURE SERVICE - SURFACE INSTALLATION



TYPICAL KILL LINE ASSEMBLY FOR 3M RATED  
WORKING PRESSURE SERVICE - SURFACE INSTALLATION

ONSHORE ORDER NC  
Rosewood Resources, Inc.  
Federal H #34-30  
592' FSL and 2089' FEL  
SW SE Sec. 30, T10S - R24E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-66421

SURFACE USE PLAN  
Page 1

## ONSHORE OIL & GAS ORDER NO. 1

### NOTIFICATION REQUIREMENTS

- |                                   |  |
|-----------------------------------|--|
| Location Construction -           | forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion -             | prior to moving on the drilling rig.   |
| Spud Notice -                     | at least twenty-four (24) hours prior to spudding the well.  |
| Casing String and Cementing -     | twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests - | twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice -         | within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

The onsite inspection for the subject wellsite was conducted on Thursday, November 12, 1998 at approximately 2:15 a.m. Weather conditions were cool and cloudy. In attendance at the onsite inspection were the following individuals:

Lisa Smith  
Robert Kay  
Byron Tolman  
Steve Strong  
Danny Widner

Permitco Inc.  
Uintah Engineering and Land Surveying  
Bureau of Land Management  
Bureau of Land Management  
Rosewood Resources, Inc.

#### 1. Existing Roads

- a. The proposed well site is located approximately 25.4 miles south of Bonanza, Utah.



- b. Directions to the location from Bonanza, Utah are as follows:

From Bonanza proceed southerly on the Rainbow Road for 15.7 miles. At Rainbow, turn right and proceed westerly for 5.6 miles. Turn north on the Asphalt Wash Road and proceed northerly for 3.0 miles. Turn right onto an existing road and proceed southeasterly for 0.9 miles. Turn right onto the new access road and proceed southerly for 0.15 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to the existing roads will not be necessary.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

- a. The last .15 miles of road will be constructed to BLM Class III standards.
- b. The maximum grade of the upgrade construction will be approximately 6%.
- c. No turnouts are planned.
- d. No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.
- e. The last 0.15 miles of access road was centerline flagged at the time of staking.



- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattleguards will be necessary at this time.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. If the well is productive, additional water drainage will be installed along the new portion of access road to keep the water off the road.
- l. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.



- m. A road right of way will not be required since all new access is located within Lease No. UTU-66421.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - none
- d. Drilling wells - none
- e. Shut-in wells - none
- f. Temporarily abandoned wells - none
- g. Disposal wells -none
- h. Abandoned wells - none
- i. Dry Holes - none

4. Location of Tank Batteries and Production Facilities.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Juniper Green. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.



- c. A typical production layout is attached. If at the time of production it is determined that an alternate layout is necessary, a Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.



- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.
- m. The surface pipeline will be 4" welded steel and will be approximately 3,200 feet in length. The pipeline route is shown on Map "C". A portion of the pipeline will be located outside of Lease No. UTU-66421. A request is made for a pipeline right of way. A check in the amount of \$325.00 is enclosed to cover the pipeline fees.

5. Location and Type of Water Supply

- a. The proposed water source is the Rock House #5A which is located T11S - R23E. Permit No. #49-1547.
- b. Water will be hauled to location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.



7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined. If it is necessary to blast the pit area during construction, an inspection of the pit will be made by a representative of the BLM with a representative of Rosewood Resources, Inc. and it will be determined if a reserve pit liner is necessary. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.



8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The operator or his/her contractor shall contact the BLM Office at 435/789-1362 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the southwest side of the location.
- c. The flare pit will be located downwind of the prevailing wind direction on the west side, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the south end of the location as shown on the Pit & Pad Layout. Topsoil along the access route will be windrowed on the uphill side.
- e. Access to the wellpad will be from the north as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
  1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).



2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
  5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.
  - j. After the reserve pit is reclaimed, a diversion ditch will be constructed along the edge of reserve pit to bring drainage around the south end of the location.
  - k. Trees and Slash will be stockpiled at the south end of the reserve pit.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.



- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

The seed mixture requested by the BLM for reclamation of the drillsite is as follows:

<u>Species</u>	<u>Lbs. PLS/Acre</u>
Fourwing Saltbush	4
Shadscale	2
Needle and Thread	3
Black Sage	3

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

- f. The topsoil stockpile will be seeded as soon as the location has been constructed with the seed mix recommended above. The seed will be walked in with a cat.

Dry Hole

- g. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.



11. Surface Ownership

Access Roads - All roads are County maintained or managed by the Bureau of Land Management.

Wellpad - The well pad is located on lands managed by the BLM.

12. Other Information

a. A Class III archeological survey has been conducted by Grand River Institute. No significant cultural resources were found and clearance has been recommended. A copy of this report will be submitted to the appropriate agencies by Grand River Institute.

b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and



procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- g. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- h. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.



ONSHORE ORDER NC  
Rosewood Resources, Inc.  
Federal H #34-30  
592' FSL and 2089' FEL  
SW SE Sec. 30, T10S - R24E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-66421

SURFACE USE PLAN

Page 13

- i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- j. The operator or his contractor shall contact the BLM Offices at 435/789-1362 48 hours prior to construction activities.
- k. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.
- l. In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman  
Wayne Bankert  
BLM Fax Machine

Petroleum Engineer 435/789-7077  
Petroleum Engineer 435/789-4170  
435/789-3634

13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.  
Lisa L. Smith  
14421 Weld County Rd. 10  
Ft. Lupton, Co 80621  
303/857-9999

Drilling & Completion Matters

ROSEWOOD RESOURCES, INC.  
P.O. Box 1668  
Vernal, UT 84078  
435/789-0414 (O)  
435/828-6100 (M) - Danny Widner  
435/828-6438 (M) - Salty Miller  
435/789-0823 (H)



ONSHORE ORDER NC  
Rosewood Resources, Inc.  
Federal H #34-30  
592' FSL and 2089' FEL  
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SURFACE USE PLAN


Page 14

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Rosewood Resources, Inc. and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

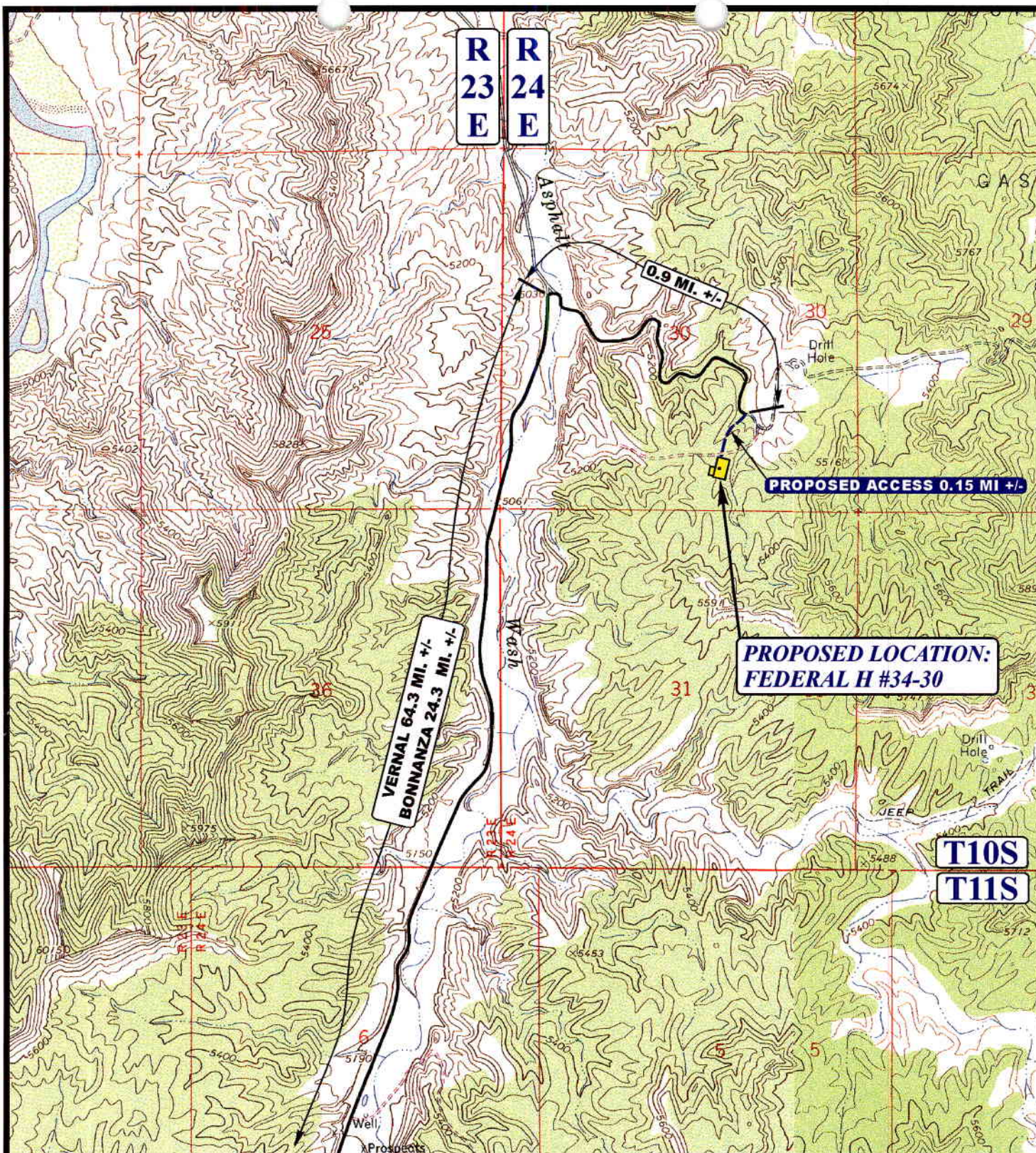
This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

November 25, 1998  
Date:

  
\_\_\_\_\_  
Lisa L. Smith - PERMITCO INC.  
Authorized Agent for:  
ROSEWOOD RESOURCES, INC.







# LEGEND:

--- PROPOSED ACCESS ROAD  
— EXISTING ROAD

## ROSEWOOD RESOURCES, INC.

**FEDERAL H #34-30**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**592' FSL 2089' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

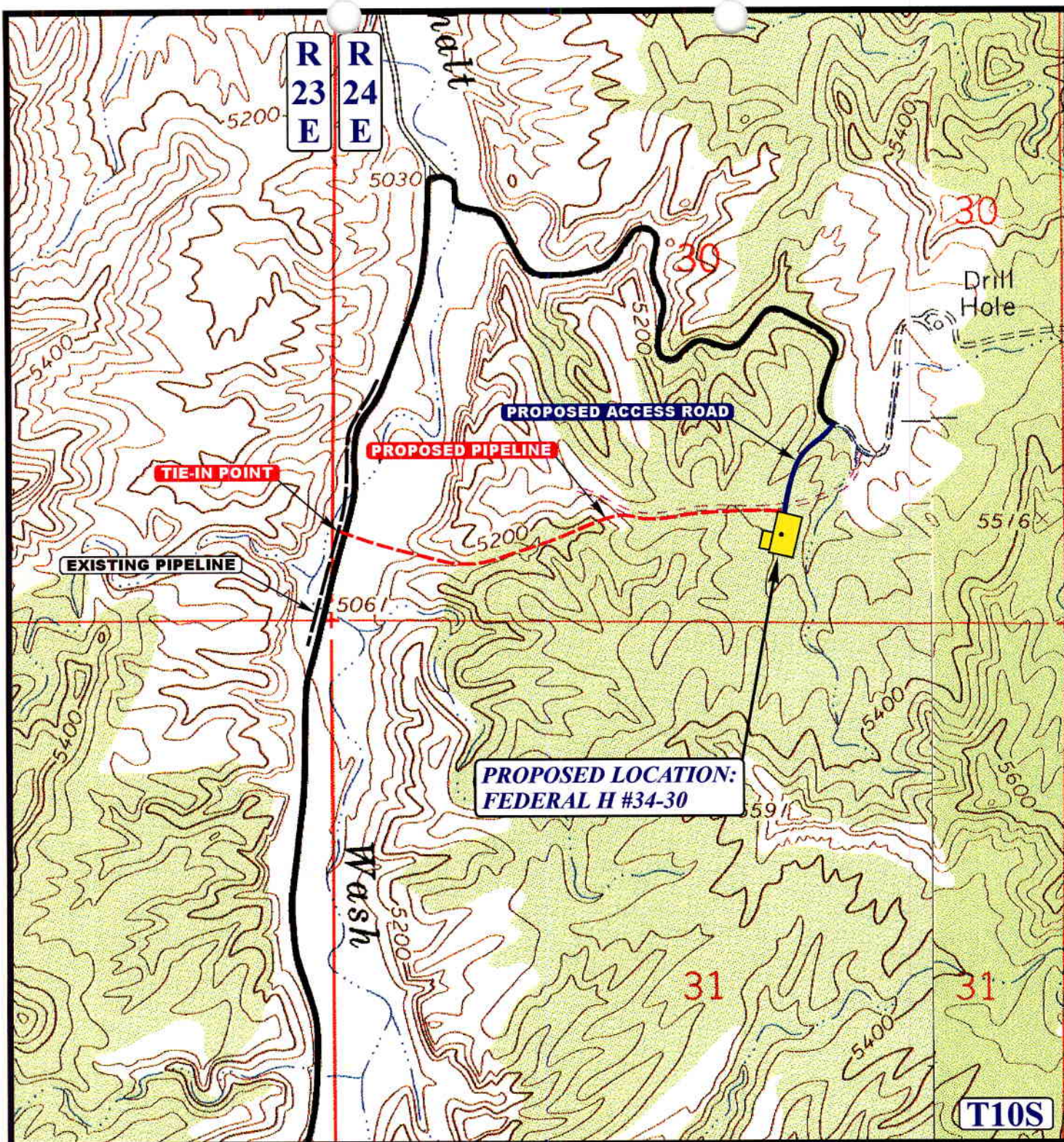


**TOPOGRAPHIC**  
**MAP**

**10** **19** **98**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 3,200' +/-**

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



**ROSEWOOD RESOURCES, INC.**

**FEDERAL H #34-30**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**592' FSL 2089' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**10 19 98**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00



592' FSL 2089' FEL

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

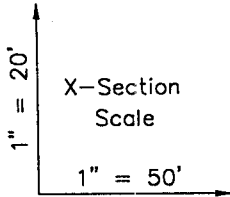
# ROSEWOOD RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

FEDERAL H #34-30

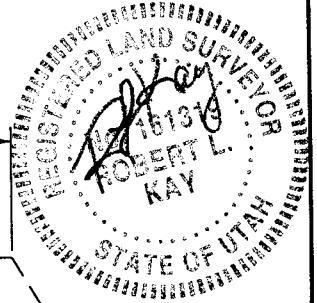
SECTION 30, T10S, R24E, S.L.B.&M.

592' FSL 2089' FEL



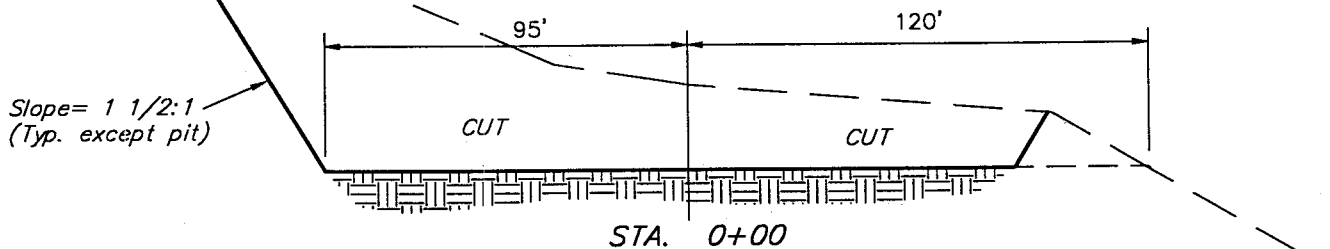
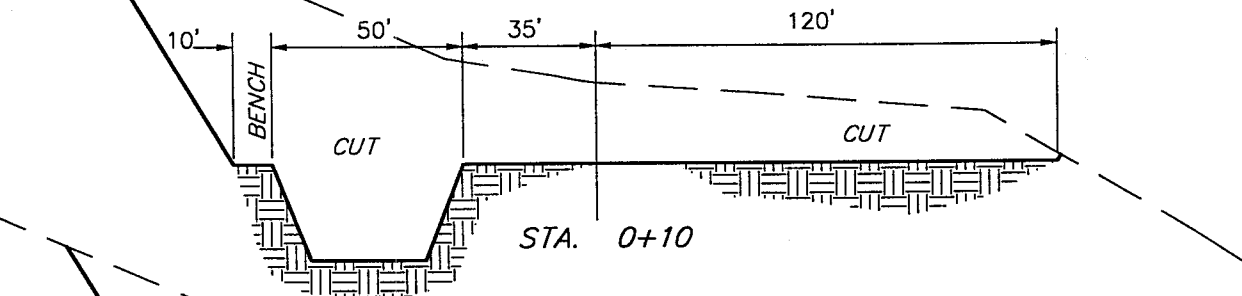
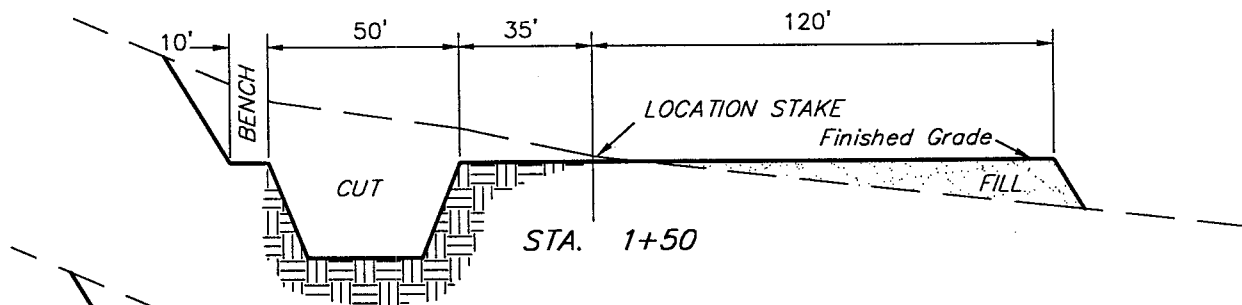
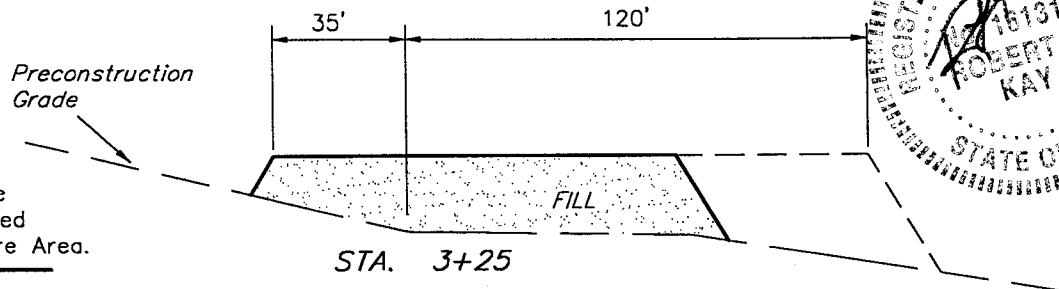
DATE: 10-16-96

Drawn By: D.R.B.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.



### APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,100 Cu. Yds.
Remaining Location	= 10,840 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,940 CU.YDS.</b>
<b>FILL</b>	<b>= 6,170 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 5,450 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,090 Cu. Yds.

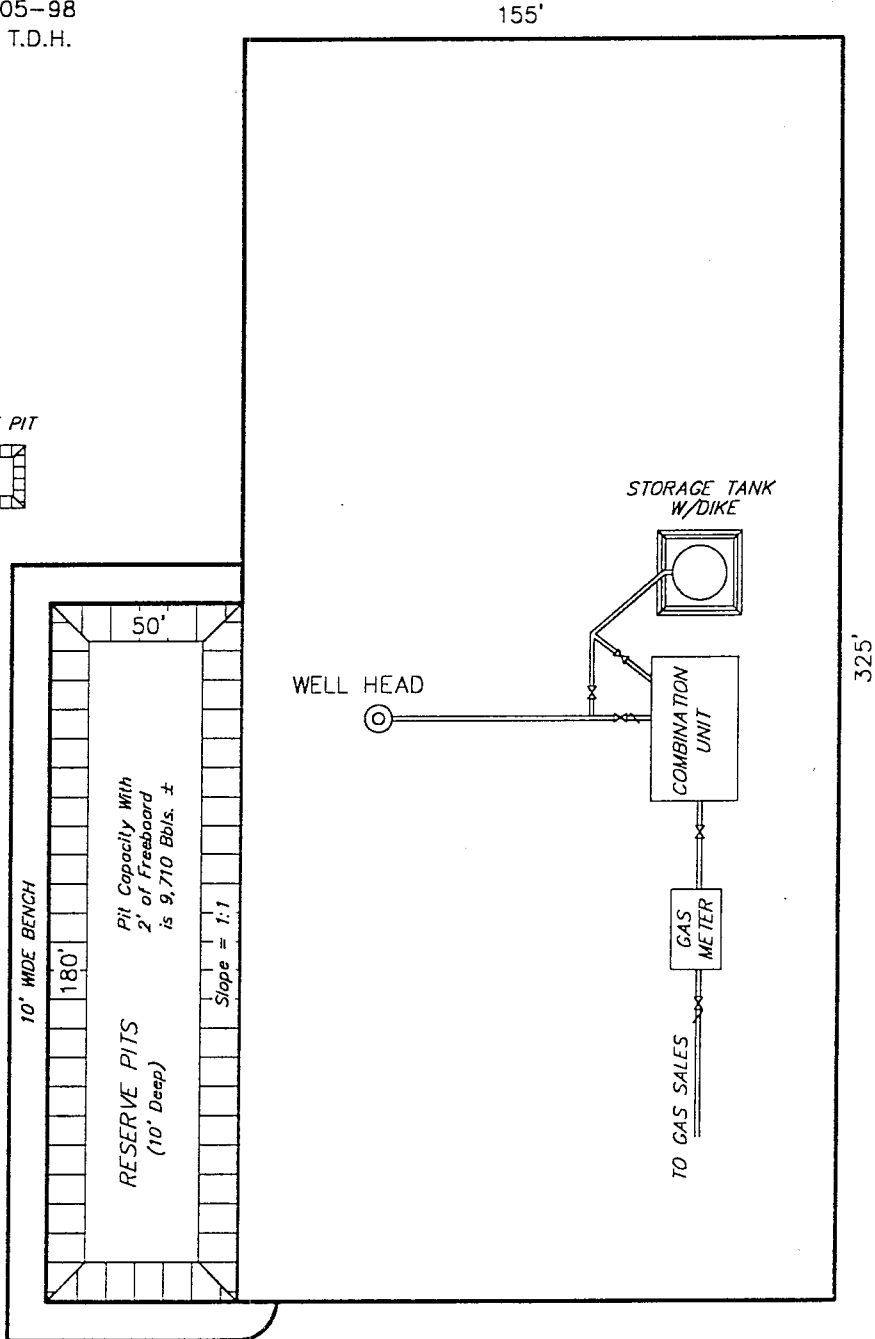
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah. 84078 \* (435) 789-1017

ROSEWOOD RESOURCES, INC.  
TYPICAL PRODUCTION FACILITY LAYOUT

Federal H #34-30  
SW SE Sec. 30, T10S - R24E  
592' FSL and 2089' FEL

SCALE: 1" = 50'  
DATE: 05-05-98  
Drawn By: T.D.H.

FLARE PIT



There are no federal stipulations at this time.



A Class III Archeological Survey has been conducted by Grand River Institute. No significant cultural resources were found and clearance has been recommended. A copy of this report will be submitted directly to the appropriate agencies by Grand River Institute.



**A Wastewater Permit will be filed with the Uintah Basin District Health Department by Mountain West Oilfield Services on behalf of Rosewood Resources, Inc.**



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/27/98

API NO. ASSIGNED: 43-047-33263

WELL NAME: FEDERAL H 34-30  
OPERATOR: ROSEWOOD RESOURCES INC (N7510)  
CONTACT: Lisa Smith (303) 857-9999

PROPOSED LOCATION:  
SWSE 30 - T10S - R24E  
SURFACE: 0592-FSL-2089-FEL  
BOTTOM: 0592-FSL-2089-FEL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED  
LEASE NUMBER: UTU-66421  
SURFACE OWNER: Federal

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

PROPOSED FORMATION: WSMVD

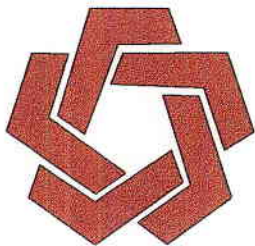
RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(No. MT-0627)  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190-5(B)  
☒ Water Permit  
(No. 49-1547)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)  
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING: \* Constructed 5-25-2000  
☐ R649-2-3. Unit Antelope  
☒ R649-3-2. General  
☐ R649-3-3. Exception  
☐ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



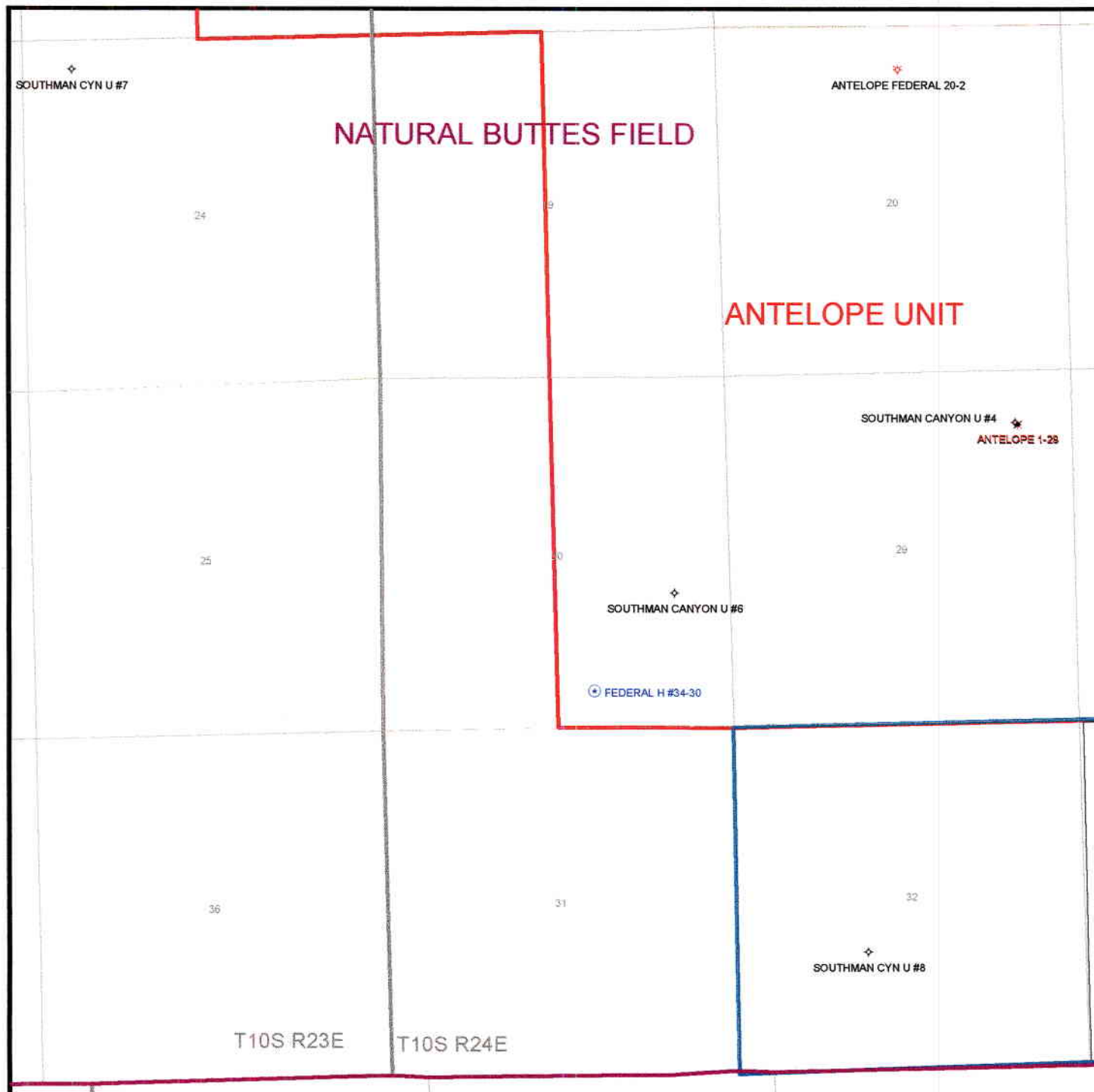
DIVISION OF OIL, GAS & MINING

OPERATOR: ROSEWOOD RESOURCES (N7510)

FIELD: NATURAL BUTTES (630)

SEC. 30 TWP 10S, RNG 24E

COUNTY: UINTAH UNIT: ANTELOPE UNIT



DATE PREPARED:  
7-DEC-1998

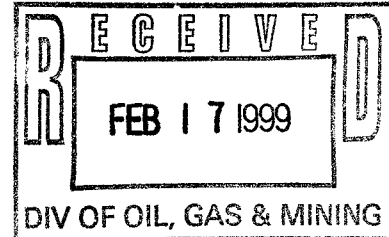
# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

<date>



### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 1999 Plan of Development Antelope Unit, Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 1999 within the Antelope Unit, Uintah County, Utah by Rosewood Resources (Lone Mountain is the Unit Operator).

API #	WELL NAME	LOCATION
43-047-33263	FEDERAL H 34-30	0592-FSL 2089-FEL 30 10S 24E

As of this date a designation of Agent has not been filed with this office. Upon approval of the designation of Agent this office has no objection to permitting the well.

/s/ Michael L. Coulthard

bcc: File - Antelope Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:<date>-<date>-<date>



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 18, 1999

Rosewood Resources, Inc.  
265 East 100 South  
Vernal, Utah 84078

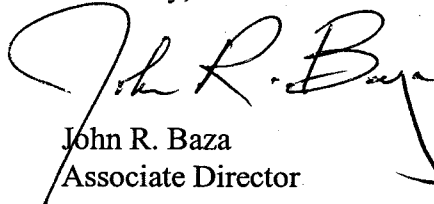
Re: Federal H 34-30 Well, 592' FSL, 2089' FEL, SW SE, Sec. 30, T. 10 S., R. 24 E.,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33263.

Sincerely,



John R. Baza  
Associate Director

lwp

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Rosewood Resources, Inc.  
**Well Name & Number:** Federal H 34-30  
**API Number:** 43-047-33263  
**Lease:** Federal **Surface Owner:** Federal  
**Location:** SW SE **Sec.** 30 **T.** 10 S. **R.** 24 E.

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

**3. Reporting Requirements**

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.**

RECEIVED

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
revers.)

Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Rosewood Resources, Inc.

Phone: 435/789-0414

Fax: 435/789-0497

265 East 100 South

Vernal, UT 84078

3. ADDRESS AND TELEPHONE NO.

PERMITCO INC.

Phone: 303/857-9999

Fax: 303/857-0577

14421 Weld County Road 10

Ft. Lupton, CO 80621

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At Surface

592' FSL and 2089' FEL

At proposed prod. zone

SW SE Sec. 30, T10S - R24E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 25.4 miles south of Ouray, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

554'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL DRILLING COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

2240 Acres

19. PROPOSED DEPTH

7,100'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 Acres

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,313' ungraded

22. APPROX. DATE WORK WILL START\*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	61#	300'	360 sx to circulate surface
12-1/4"	9-5/8"	36#	2,500'	690 sx top of cmt @ surface
7-7/8"	4-1/2"	11.6#	7,100'	900 sx - top of cmt @ 2400'

Rosewood Resources, Inc. proposes to drill a well to 7,100' to test the Wasatch and Mesa Verda Formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that Rosewood Resources, Inc. is considered to be the Operator of the above mentioned well. Rosewood Resources, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Nationwide Bond No. MT-0627. The principal is Rosewood Resources, Inc. via surety consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Consultant For:

Rosewood Resources, Inc.

Date 11/25/98

SIGNED

TITLE

\*This space for Federal or State office use

PERMIT NO

APPROVAL DATE

NOTICE OF APPROVAL

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Acting Assistant Field Manager  
Mineral Resources

DATE

APR 22 1999

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL, IF ANY, TO OPERATIONS COPY

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Rosewood Federal H 34-30

API Number: 43-047-33263

Lease Number: U - 66421

Location: SWSE Sec. 30 T.10S R. 24E

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

#### 3. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone, identified at 1,128 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

#### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

-The access road should be crowned at between 2 to 3%. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The reserve pit topsoil will be piled separately from the location topsoil. The reserve pit topsoil can be piled near the pit wherever it works out best.

-Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and broadcast seeded with the same seed mix mentioned in the APD. After broadcasting the seed, the area should be walked with a dozer to plant the seed.

-The subsoil pile shown on the cut sheet is for the construction of tank dikes. **Topsoil is not to be used for dike construction.**



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 6, 2001

Diann Flowers  
Dominion Exploration & Production, Inc.  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

Re: Extension for Drilling Permits

In response to your letter dated January 18, 2001 (copy enclosed), whereby Dominion E&P Inc. (Dominion) requests a one-year extension for the Application's for Permit to Drill (APD's) listed below, please be advised of the following:

<u>API No.</u>	<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>
43-047-33184	A Fed H 41-28	Sec. 28-10S-24E	UTU-66421
APD rescinded by the Division December 3, 2000.			
43-047-33168	Fed N 41-17	Sec. 17-11S-24E	UTU-73920
APD rescinded by the Division December 7, 2000.			
43-047-33254	Fed N 24-17	Sec. 17-11S-24E	UTU-73920
BLM never approved APD;the Division rescinded APD December, 9, 2000.			
43-047-33257	Fed T 42-21	Sec. 21-12S-24E	UTU-66425
BLM never approved APD;the Division rescinded APD December 9, 2000.			
43-047-33192	Fed R 44-9	Sec. 9-T12S-22E	UTU-73908
Well was spud on April 22, 1999;not necessary to request an APD extension.			
43-047-33170	A Fed H 42-20	Sec. 20-10S-24E	UTU-74480
BLM denied APD extension January 19, 2001;permit expires March 8, 2001;the Division will rescind APD upon expiration date unless drilling commences.			

<u>API No.</u>	<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>
43-047-33299	Fed K 12-22	Sec. 22-11S-21E	UTU-75098
BLM denied APD extension January 19, 2001; permit expires April 21, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33255	Fed M 24-22	Sec. 22-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33258	Fed M 42-22	Sec. 22-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33253	Fed M 22-27	Sec. 27-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33260	Fed M 44-29	Sec. 29-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33188	Fed R 13-30	Sec. 30-12S-22E	UTU-65359
BLM denied APD extension January 19, 2001; permit expires February 10, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33263	Fed H 34-30	Sec. 30-10S-24E	UTU-66421
BLM extended APD to April 22, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33242	Fed K 23-22	Sec. 22-11S-24E	UTU-75098
BLM extended APD to April 22, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

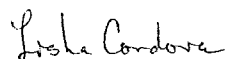
Page 3  
Dominion E&P Inc.  
February 6, 2001

A new Application for Permit to Drill (APD) must be filed with this office for approval prior to the commencement of any future work on the rescinded locations stated above.

In addition, if any previously unreported operations have been performed on any of the rescinded locations, it is imperative that you notify the Division immediately.

Should you have any questions regarding this matter please call me at the number listed above.

Sincerely,



Lisha Cordova  
Eng. Technician

Enclosure(s)

cc: Well File(s)  
Petroleum Information

APD approval dates  
extended  
As of 8/30/2000

NOTES from Margie Herrman - BLM Vernal  
email to Don Staley dated 8/30/2000.  
Margie's comments highlighted

WELL FILE

Company Name	API	Well Name	Approval Date	Extension Date	Twp	Rng	Sec	County	Lease Type
COASTAL OIL & GAS CORP	4304733278	OURAY 3-74 NO BIA CONCURRENCE	08-Feb-99		090S	210E	03	UINTAH	INDIAN
DOMINION EXPL & PROD INC	4304733361	RBW 5-3F DRILLING	03-Aug-99		100S	200E	03	UINTAH	FEDERAL
EOG RESOURCES INC	4304733135	NBU 490-30E SPUD 9/21/98	09-Jul-98		090S	210E	30	UINTAH	FEDERAL
EOG RESOURCES INC	4304733214	CWU 569-28 NOT APPROVED YET	22-Oct-98		090S	220E	28	UINTAH	FEDERAL
FALCON CREEK RESOURCES	4301331997	TWIN KNOLLS 11-9 J EXPIRED 1/00	26-Jan-98	26-Jan-00	110S	170E	09	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332123	UTE TRIBAL 8-30-4-2 NOT APPROVED YET	25-Nov-98		040S	020W	30	DUCHESNE	INDIAN
INLAND PRODUCTION COMPANY	4301331951	WELLS DRAW 9-30 EXTENDED TO 6/01	09-Jul-98		080S	160E	30	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332114	WEST POINT 5-31-8-16 EXPIRES 12/11/00	09-Sep-98		080S	160E	31	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332115	WEST POINT 6-31-8-16 EXPIRES 12/14/00	09-Sep-98		080S	160E	31	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332116	WEST POINT 7-31-8-16 EXPIRES 12/14/00	09-Sep-98		080S	160E	31	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332119	WEST POINT 9-31-8-16 EXPIRES 11/10/00	09-Sep-98		080S	160E	31	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332120	WEST POINT 11-31-8-16 EXPIRES 11/10/00	09-Sep-98		080S	160E	31	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332032	MONUMENT BUTTE 7N-35-8-16 NOT APPROVED YET	09-Jul-98		080S	160E	35	DUCHESNE	FEDERAL
INLAND PRODUCTION COMPANY	4301332106	SOUTH WELLS DRAW 13-3-9-16 EXPIRES 10/8/00	10-Aug-98		090S	160E	03	DUCHESNE	FEDERAL
LONE MTN PRODUCTION CO	4304733184	A FED H 41-28 EXPIRES 12/3/00	09-Sep-98		100S	240E	28	UINTAH	FEDERAL
LONE MTN PRODUCTION CO	4304733165	FED H 14-30 PRODUCING GAS WELL	19-Aug-98		100S	240E	30	UINTAH	FEDERAL
LONE MTN PRODUCTION CO	4304733183	FED T 31-11 HOLDING FOR NOW	14-Sep-98		120S	240E	11	UINTAH	FEDERAL
LONE MTN PRODUCTION CO	4304733323	FED V 12-21 DRILLING 4/27/99	24-Mar-99		130S	210E	21	UINTAH	FEDERAL
PACIFIC TRANS SUPPLY	4301330435	PTS 32-29 FEDERAL EXPIRED 5/00	20-May-98		080S	170E	29	DUCHESNE	FEDERAL
PETROGLYPH OPERATING CO	4301331930	UTE TRIBAL 30-13 NOT APPROVED YET	01-Jun-98		050S	030W	30	DUCHESNE	INDIAN
RETAMCO OPERATING INC	4304733311	RIVER BEND 13-27 EXPIRES 3/7/01	18-Mar-99		090S	190E	27	UINTAH	FEDERAL
RETAMCO OPERATING INC	4304733312	ROCK HOUSE 11-31 APPROVED 8/25/00	18-Mar-99		100S	230E	31	UINTAH	FEDERAL
RETAMCO OPERATING INC	4304733369	ATCHEE RIDGE 11-27-13-25 EXPIRES 8/31/00	20-Aug-99		130S	250E	27	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733263	FEDERAL H 34-30 EXPIRES 4/22/01	18-Feb-99		100S	240E	30	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733242	FEDERAL K 23-22 EXPIRES 4/22/01	10-Dec-98		110S	210E	22	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733264	FEDERAL N 42-22 HOLDING FOR NOW	15-Dec-98		110S	240E	22	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733217	HANGING ROCK I 4-14 HOLDING FOR NOW	20-Oct-98		120S	230E	04	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733218	HANGING ROCK I 5-16 HOLDING FOR NOW	19-Oct-98		120S	230E	05	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733234	HANGING ROCK I 6-2 HOLDING FOR NOW	10-Nov-98		120S	230E	06	UINTAH	FEDERAL
ROSEWOOD RESOURCES INC	4304733219	HANGING ROCK I 9-11 HOLDING FOR NOW	20-Oct-98		120S	230E	09	UINTAH	FEDERAL
SHENANDOAH ENERGY INC	4304733269	WVFU 18 WG NOT APPROVED YET	06-Jan-99		080S	210E	14	UINTAH	INDIAN

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposal to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address

16945 Northchase Drive, Suite 1750 Houston, TX 77060

3b. Phone No. (include area code)

(281) 873-3692

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE SEC. 30, T10S, R24E

5. Lease Serial No.

UTU-66421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL H 34-30

9. API Well No.

43-047-33263

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Change of

Operator

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please be advised that, effective January 1, 2001, Dominion Exploration & Production, Inc. is considered to be the operator of Federal No. H 34-30; SW 1/4 SE 1/4, Section 30, T10S, R24E; Uintah County; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Bond No. 76S 63050 0330.

Field operations will be handled out of Dominion's Roosevelt office. The contact person will be Mitch Hall.

**RECEIVED**

MAR 15 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DIANN FLOWERS

Title

REGULATORY SPECIALIST

Signature

*Diann Flowers*

Date

03/10/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

April 12, 2001

Dominion Expl. & Prod., Inc.  
16945 N Chase Dr., Ste. 1750  
Houston, Texas 77060

*43-047-33263*

Re: Well No. Federal H 34-30  
SWSE, Sec. 30, T10S, R24E  
Lease No. U-66421  
Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Dominion Expl. & Prod., Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY3322, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Crinklaw or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Kirk Fleetwood  
Petroleum Engineer

cc: DOGM - Jim Thompson  
Seahawk Energy Inc.

**RECEIVED**

APR 16 2001

DIVISION OF  
OIL, GAS AND MINING

RECEIVED

APR 7 1999

BLM VERNAL, UTAH

## DESIGNATION OF AGENT

Submit in triplicate

RECEIVED

APR 07 1999

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Minerals Management Service, Unit Operator under the Antelope Unit Agreement, Uintah County, Utah, No. UTU72403X, dated effective November 9, 1993, and hereby designates:

NAME: Rosewood Resources Inc.  
ADDRESS: 2711 N. Haskell Avenue  
Suite 2800 LB#22  
Dallas, Texas 75204-2944

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing Unit well No. D ~~30-15~~, in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 30, Township 10 South, Range 24 East, S.L.M., Uintah County, Utah. <sup>BLM</sup> 34-30

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the Unit Agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the Unit Agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation of agent is given only to enable the agent herein designated to drill the above-specified Unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Minerals Management Service a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

## UNIT OPERATOR:

LONE MOUNTAIN PRODUCTION COMPANY

By:

James G. Routson, President

APPROVED - EFFECTIVE APR 05 1999

SUPERVISOR

D. M. D. 10000

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File Fcd H 34-30  
Fcd K 23-22  
(Loc.) Sec      Twp      Rng       
(API No.)     

☐ Suspense  
(Return Date)       
(To-Initials)     

☐ Other  
      
      
    

1. Date of Phone Call: 4-27-01 Time: 10:19

2. DOGM Employee (name) J. Cordova (☒ Initiated Call)  
Talked to:  
Name Lester Crinklaar (☐ Initiated Call) - Phone No. (435) 781-4497  
of (Company/Organization) BLM / Vernal

3. Topic of Conversation: Op. chg. / APD Extended or LA?

4. Highlights of Conversation:  
BLM apv. op. chg. fr. Lone Mtn. to Dominion - letter  
sent to JT.

Also, both wells have spudded, no APD extension  
or rescind necessary.

x memo to JT for op. chg. & CD for spud follow-up.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposal to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address

16945 NORTHCHASE DRIVE, SUITE 1750  
HOUSTON, TEXAS 77060

3b. Phone No. (include area code)

(281) 873-3692

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

592' FSL & 2089' FEL

SW SE Sec. 30, T10S, R24E

5. Lease Serial No.

U-66421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

ANTELOPE UNIT

8. Well Name and No.

FEDERAL H 34-30

9. API Well No.

43-047-33263

10. Field and Pool, or Exploratory Area

WILDCAT

11. County or Parish, State

UINTAH COUNTY, UTAH

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Drilling</u> |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>Operations</u>   |
| <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Moved in and rigged up Ram drilling. Drilled to 76'. Waiting to run casing.

The Federal H 34-30 was spud on 4/21/2001 at 05:00 hours.

Dominion respectfully requests permission to amend the total depth to 8,500'. The well was originally permitted to 7,100'. Attached is a revised drilling plan which lists the estimated depths of geological markers, casing program and water supply.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-14-01

By: [Signature]

APR 24 2001  
DIVISION OF  
OIL, GAS AND MINING

CONFIDENTIAL

06-14-01  
CHD

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

DIANN FLOWERS

Title REGULATORY SPECIALIST

Date 04/24/2001

Signature

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**DRILLING PLAN**  
**APPROVAL OF OPERATIONS**

**CONFIDENTIAL** 25-Apr-01

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Exploration & Production  
**Address:** Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

**Well Location:** Federal H 34-30  
Uintah County, Ut

**1 GEOLOGIC SURFACE FORMATION**  
Uintah

**2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS**

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	2,087'
Green Rvr. Tongue	2,430'
Wasatch	2,580'
Chapita Wells	3,032'
Uteland Buttes	3,923'
Mesaverde	4,480'
Mancos	6,300'

**3 ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS**

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	2,087'	Oil
Green Rvr. Tongue	2,430'	Oil
Wasatch	2,580'	Gas
Chapita Wells	3,032'	Gas
Uteland Buttes	3,923'	Gas
Mesaverde	4,480'	Gas
Mancos	6,300'	

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**4 PROPOSED CASING PROGRAM**

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Conductor	13 3/8"	54.5 ppf	K-55	STC	0'	84'	17 1/2"
Surface	8 5/8"	24.0 ppf	K-55	STC	0'	1,000'	12 1/4"
		32.0 ppf	K-55	LTC	1,000'	2,800'	12 1/4"
Production	5 1/2"	17.0 ppf	N-80	LTC	0'	8,500'	7 7/8"

**5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

BOP stack has a 3,000 psi working pressure.  
Pipe rams will be operated daily and blind rams as possible.

**6 MUD SYSTEM**

KCL mud system will be used to drill well.  
An air mist may be used to drill until first water is seen.

<u>Interval</u>	<u>Density</u>
0' - 8,500'	9.4 ppg - 9.4 ppg

7 BLOOIE LINE

An automatic igniter will not be installed on blooie line.  
A 90 degree targeted bend will be installed on blooie line about 50' from wellhead.  
The blooie line discharge will remain 100' from the wellhead.

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8 AUXILIARY EQUIPMENT TO BE USED

- A. Kelly Cock.
- B. Full opening valve with DRILL PIPE connection will be kept on floor.  
Valve will be used when Kelly is not in string.

9 TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

A Drill Stem Test in the Wasatch Tongue is possible.  
One electric line wire-log will be run from TD to surface.  
The gamma ray will be left on to record from surface to TD.  
Other log curves (Resistivities, Porosity, and Caliper) will record from TD to Surface casing.  
A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10 ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or temperatures are anticipated.  
The formations to be penetrated do not contain known H<sub>2</sub>S gas.

The anticipated bottom hole pressure is 3,934 psi.

11 WATER SUPPLY

No water pipelines will be laid for this well.  
No water well will be drilled for this well.  
Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.  
Water will be hauled from : Permit 43-10447 in Section 9, Township 8 South, Range 20 East

12 CEMENT SYSTEMS

- A. Conductor Cement:  
Ready mix cement filled from surface, prior to rig moving on.
- B. Surface Casing Cement:
  - a Drill 12 1/4" hole to +/- 2,800", run and cement 8 5/8" to surface.
  - b Pump 20 bbls lightly water spacer followed by 5 bbls fresh water. Displace with any available water.
  - c Run 1" tubing in annulus to ± 200' and cement to surface.
  - d Note : Repeat Top Out until cement remains at surface.
  - e Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

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Type	Sacks	Interval:	Density	Yield	Hole	Cement	Excess
					Volume:	Volume:	
Lead	570 Sx	0' - 2,300'	11.0 ppg	3.34 CFS	953 CF	1,904 CF	100%
Tail	380 Sx	2,300' - 2,800'	15.8 ppg	1.17 CFS	220 CF	445 CF	102%
Top Out	150 Sx	0' - 200'	15.8 ppg	1.17 CFS	87 CF	176 CF	102%

Lead Mix:

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 6 lb/sk  
Inert Course Grannular LCM: Kol Seal, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica  
Fume high strength additive: BA90, 2% Calcium Chloride accelerator, 20.15 gps water

Pump Time : 4+ hours @ 130 °F.

Compressives @ 150 °F: 24 Hour is 375 psi

**Tail Mix:**

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

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Pump Time : 2 Hours @ 120 °F.

Compressives @ 120 °F: 24 Hour is 2,000 psi

**Top Out:**

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

**C. Production Casing Cement:**

- a Drill 7 7/8" hole to +/- 8,500", run and cement 5 1/2" to surface.
- b Lead/Tail cement interface is at 4,000', which is typically 500-1,000' above shallowest pay.
- c Pump 50 bbl Mud clean II unweighted spacer, followed by 10 Bbls 3% KCL spacer.
- d Displace with 3% KCl.

Type	Sacks	Interval:	Density	Yield	Hole Volume:	Cement Volume:	Excess
Lead	440 Sx	0' - 4,000'	11.5 ppg	2.85 CFS	953 CF	1,904 CF	1 CF
Tail	921 Sx	4,000' - 8,500'	14.2 ppg	1.51 CFS	791 CF	1,391 CF	76%

**Lead Mix:**

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength ba-90, 3% Potassium Chloride clay inhibitor, 0.05 lb/sk Static Free anti foaming agent, 0.2% retarder, & 16.78 gps water

Pump Time : 5+ hours @ 155 °F.

Fluid Loss is 240 cc / 30 minutes.

Compressives @ 200 °F: 24 Hour is 525 psi

**Tail Mix:**

Prem II Cement, 1/4 lb/sk Cellophane Flakes LCM, 2 lb/sk Kol Seal Coarse Inert LCM, 3% Potassium Chloride clay inhibitor, 0.7% fluid loss & bonding additive FL-62, 0.1% retarder R-3, & 7.32 gps water

Pump Time : 3 Hours @ 102 °F.

Fluid Loss : is 138 cc / 30 minutes.

Compressives @ 130 °F: 24 Hour is 2,875 psi

CONFIDENTIAL

**13 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: 19-Apr-01

Duration: 20 Days

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: DOMINION EXPLORATION & PRODUCTION, INC.

Operator Account Number: N ~~0885~~ 1095

Address: 16945 NORTHCHASE DRIVE, SUITE 1750

city HOUSTON

state TX

zip 77060

Phone Number: (281) 873-3692

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304733263	FEDERAL H 34-30		SWSE	30	10S	24E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	13106	4/21/2001		4/21/2001		
Comments: <span style="float: right; font-size: 1.5em; font-weight: bold;">CONFIDENTIAL</span> 5-2-01							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIANN FLOWERS

Name (Please Print)

*Diann Flowers*

Signature

Regulatory Specialist

Title

4/30/2001

Date

**LONE MOUNTAIN PRODUCTION COMPANY**

Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
100 North 27th Street  
Suite 650  
Billings, MT 59101

May 2, 2001

State of Utah  
Division of Oil, Gas & Mining  
1594 W. Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Jim Thompson

RE: RESIGNATION OF OPERATOR  
FEDERAL NO. K 23-22  
FEDERAL NO. H. 34-30  
UINTAH COUNTY, UTAH

Dear Jim:

Please be advised Lone Mountain Production Company resigned as Operator of the following wells in the referenced county, effective January 1, 2001.

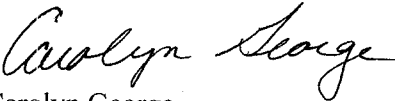
Federal No. K 23-22	43-047-33242
Federal No. H 34-30	43-047-33263

All future correspondence should be directed to Diann Flowers, Dominion Exploration & Production Inc., 16945 Northchase Drive, Suite 1750, Houston, TX 77060, Phone: (281) 873-3692

Should you have any questions or need further information please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY

  
Carolyn George  
Land Department

**RECEIVED**

MAY 04 2001

DIVISION OF  
OIL, GAS AND MINING

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
100 North 27th Street  
Suite 650  
Billings, MT 59101

April 20, 2001

State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Leisha Cordova

RE: RESIGNATION OF OPERATOR  
VARIOUS WELLS  
UINTAH COUNTY, UTAH

Dear Leisha:

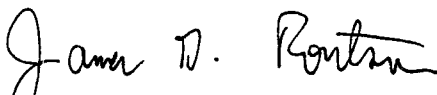
Please be advised Lone Mountain Production Company resigns as Operator of the attached list of wells in the referenced county, effective January 1, 2001.

All future correspondence should be directed to Diann Flowers, Dominion Exploration & Production Inc., 16945 Northchase Drive, Suite 1750, Houston, Texas 77060.

Should you have any questions or need further information, please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY

  
James G. Routson  
President

attachment

**RECEIVED**

MAY 04 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS	✓
2. CDW	✓	5-LE	p/JS
3. JLT		6-FILE	

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **04-01-2001**

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( New Operator):	<b>TO:</b> ( New Operator):
ROSEWOOD RESOURCES INC	LONE MOUNTAIN PRODUCTION CO	DOMINION EXP & PROD INC
Address: P. O. BOX 1668	Address: 100 NORTH 27TH STREET STE 650	Address: 1450 POYDRAS
		ST 8TH FLOOR
VERNAL, UT 84078	BILLINGS, MT 59101	NEW ORLEANS, LA 70112
Phone: 1-(435)-789-0414	Phone: 1-(406)-245-5077	Phone: 1-(504)-593-7000
Account N7510	Account N7210	Account N1095

CA No.

Unit:

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL H 34-30	43-047-33263	13106	30-10S-24E	FEDERAL	GW	DRL

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/04/2001 SEE COMMENTS
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/15/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/13/2001
- Is the new operator registered in the State of Ut YES Business Number: 852894-0143
- If **NO**, the operator was contacted contacted on N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 04/12/2001 SEE COMMENTS
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** 06/13/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/13/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 7.12.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

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**COMMENTS:** Well was transferred to Lone Mountain Production under a Designation of Agent Agreement approved by the BLM 4/5/99.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

U-66421

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.  
Other Well is TA.

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

Dominion Exploration &amp; Production, Inc.

3. Address

14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

3a. Phone No. (include area code)

405-749-1300

8. Lease Name and Well No.

Federal H 34-30

9. API Well No.

43-047-33263

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface

At top prod. Interval reported below

592' FSL &amp; 2089' FEL

At total depth

~~CONFIDENTIAL~~  
PERIOD  
EXPIRED  
5-21-02

10. Field and Pool, or Exploratory

11. Sec., T., R., M., or Block and  
Survey or Area

30-10S-24E

12. County or Parish

Uintah

13. State

UT

14. Date Spudded

4-21-01

15. Date T.D. Reached

16. Date Completed

☐ D&A ☐ Ready to prod.

4-21-01 TA

17. Elevations (DF, RKB, RT, GL)\*

18. Total Depth: MD  
76' TVD19. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status TA	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)

DIVISION OF  
OIL, GAS AND MINING

RECEIVED

MAY 20 2002

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
--	-----------------------------

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure)

Per Sundry well was drilled to 76'. No casing has been set, well is TA.

33. Circle enclosed attachments:

<input type="checkbox"/> 1. Electrical/Mechanical Logs (1 full set req'd)	<input type="checkbox"/> 2. Geologic Report	<input type="checkbox"/> 3. DST Report	<input type="checkbox"/> 4. Directional Survey
<input type="checkbox"/> 5. Sundry Notice for plugging and cement verification	<input type="checkbox"/> 6. Core Analysis	<input type="checkbox"/> 7. Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla Christian Title Regulatory Specialist

Signature Carla Christian Date May 16, 2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Sent to Carla Christian 1-13-05

T 10: 24E S-30

**Utah Division of Oil, Gas and Mining**  
**DRILLING OPERATIONS SUSPENDED**

**NOTICE TO OPERATORS:**

In order to more accurately monitor wells where drilling operations have been suspended, the Division has changed the statuses of the following wells from Temporarily Abandoned to Operations Suspended in our databases.

These wells will no longer appear on your Monthly Oil and Gas Production Report, Form 10. Therefore, it will now be the operator's responsibility to provide a monthly status report for such wells in accordance with Rule R649-3-6.2.4, which states:

The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month. The report shall be submitted no later than the fifth day of the following calendar month until such time as the well is completed and the well completion report is filed.

Your assistance is appreciated. If you have questions regarding this matter, please feel free to call (801) 538-5275.

Operator	Well Name	API Number	Permit Date	Spud Date - Dry	Spud Date - Rotary	Measured Depth	Lease Type
DOMINION EXPL & PROD INC	STATE L 23-16	4304733251	01/11/99	04/23/99		542	State
DOMINION EXPL & PROD INC	FEDERAL H 34-30	4304733263	02/18/99	04/21/01		76	Federal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

DOMINION EXPLORATION &amp; PRODUCTION, INC.

3a. Address Suite 600  
14000 QUAIL SPGS PKWY, OKLA CITY, OK 731343b. Phone No. (include area code)  
405-749-1300

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

592' FSL &amp; 2089' FEL, (SE SW) Sec. 30-10S-24E

## 5. Lease Serial No.

U-66421

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

## 8. Well Name and No.

Federal H 34-30

## 9. API Well No.

43-047-33263

## 10. Field and Pool, or Exploratory Area

Natural Buttes

## 11. County or Parish, State

Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please be advised that Dominion would like to P&amp;A the Federal H-34-30, per the attached procedure.

RECEIVED  
MAR 28 2005  
DIV. OF OIL, GAS & MINING14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Date 3/22/2005

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

4/13/05

Date

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# **Dominion Exploration & Production, Inc.**

## **Abandonment Procedure**

**FEDERAL H 34-30**

White River Field

592' FSL & 2,089' FEL, Sec. 30, T-10-S, R-24-E

Uintah Co., Utah

API# 43-047-33263

### Objective:

Plug and abandon conductor pipe set at a depth of 76' and reclaim location as per State of Utah request.

### Datum, top connection, tubulars:

Elevation: 5,313' GL.

13-3/8", 54.5#, K-55 casing @ 76'. Cemented to surface in 17-1/2" hole w/ 2.2 yards of ready mix cement. Note: casing size, weight and grade, hole size and cement volumes are estimated – taken from the drilling prognosis.

**TD: 76'**

### Plan of Procedure:

1. Obtain verbal approval from BLM and State authorities to commence P&A operations. Note details of verbal approval on daily report.
2. RU cementing equipment. GIH w/ 1" tubing to TD @ 76'. Mix and pump **65 sx cement (Class G – 1.15 cu.ft./sx)** to spot a 76' cement plug from the surface to TD. RDMO cementing equipment. .
3. Cut off casing 3' below ground level. Top off cement back to top of csg. stub. Weld on and install dryhole marker per State of Utah specs (**attached**), clean and reclaim location.

MKT 3/14/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address Suite 600  
14000 QUAIL SPGS PKWY, OKLA CITY, OK 73134

3b. Phone No. (include area code)  
405-749-1300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

592' FSL & 2089' FEL, (SE SW) Sec. 30-10S-24E

5. Lease Serial No.

U-66421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal H 34-30

9. API Well No.

43-047-33263

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

There has been no activity on the above reference well. Well is scheduled for P&A by May 1, 2006.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

*Carla Christian*

Date 3/03/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**MAR 06 2006**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address

Suite 600

14000 QUAIL SPGS PKWY, OKLA CITY, OK 73134

3b. Phone No. (include area code)

405-749-1300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

592' FSL & 2089' FEL, (SE SW) Sec. 30-10S-24E

5. Lease Serial No.

U-66421

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal H 34-30

9. API Well No.

43-047-33263

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☒

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☐

Other

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

5/15/06 Pumped 65 sks Class "G" Neat cmt dwn 13 3/8", 54.5#, K-55 csg. to 76'. Filled to surface w/12 bbls slurry, cut off csg. 3' below surface, attached marker. Witnessed by BLM rep Johnny Bowen.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

*Carla Christian*

Date

5/31/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUN 05 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000  
5. Lease Serial No.  
U-66421

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Diff. Resvr.		7. Unit or CA Agreement Name and No.	
Other _____			
2. Name of Operator Dominion Exploration & Production, Inc.		8. Lease Name and Well No. Federal H 34-30	
3. Address 14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134		3a. Phone No. (include area code) 405-749-1300	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface  At top prod. Interval reported below 592' FSL & 2089' FEL  At total depth		9. API Well No. 43-047-33263	
14. Date Spudded 4/21/2001		10. Field and Pool, or Exploratory	
15. Date T.D. Reached		11. Sec., T., R., M., or Block and Survey or Area 30-10S-24E	
16. Date Completed <input checked="" type="checkbox"/> D&A <input type="checkbox"/> Ready to prod. 5/15/2006		12. County or Parish Uintah	
		13. State UT	
17. Elevations (DF, RKB, RT, GL)* 5,313'			
18. Total Depth: MD 76' TVD		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD			

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	
---	--	---	--

3. Casing and Liner Record (Report all string set in well)									
Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	54.5#	Surface	76'				Circ.	

4. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	

5. Producing Intervals					26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status		

7. Acid, Fracture, Treatment, Cement Squeeze, Etc.		
Depth Interval	Amount and Type of Material	

3. Production - Interval A									
Rate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

3a. Production - Interval B									
Rate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

See instructions and spaces for additional data on reverse side)

RECEIVED  
JUN 16 2006

DIV. OF OIL, GAS &amp; MINING

## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top Meas. Depth

## 2. Additional remarks (include plugging procedure)

5/15/06 Pumped 65 sks Class "G" Neat cmt dwn 13 3/8", 54.5#, K-55 csg. to 76'. Filled to surface w/12 bbls slurry, cut off csg. 3' below surface, attached marker. Witnessed by BLM rep, Johnny Bowen.

## 3. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

## 4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla Christian      Title Sr. Regulatory Specialist  
 Signature Carla Christian      Date June 14, 2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

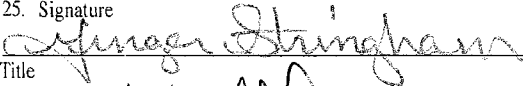
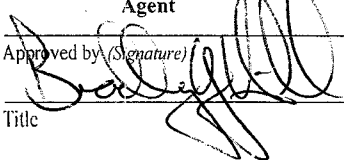
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-66421</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>NA</b>
2. Name of Operator <b>Summit Operating LLC</b>		7. If Unit or CA Agreement, Name and No. <b>NA</b>
3a. Address <b>P.O. Box 683909 Park City UT, 84068</b>	3b. Phone No. (include area code) <b>435-940-9001</b>	8. Lease Name and Well No. <b>Federal H 34-30</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>649237</b> 592' FSL & 2,088' FEL SW 1/4 of the SE 1/4 At proposed prod. zone <b>Same as above</b> 4419496y 39.914312 109.253949		9. API Well No. <b>43-047-33263</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximately 65.8 miles in a southeasterly direction from Vernal UT</b>		10. Field and Pool, or Exploratory <b>Natural Buttes</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>592'</b>	16. No. of acres in lease <b>2,240 Acres</b>	11. Sec., T. R. M. or Blk. and Survey or Area <b>Sec. 30, T10S. R24E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>1,600'</b>	19. Proposed Depth <b>7,100'</b>	12. County or Parish <b>Uintah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,312 GR</b>	22. Approximate date work will start* <b>12/01/2006</b>	13. State <b>UT</b>
20. BLM/BIA Bond No. on file <b>UTB-000014</b>		
23. Estimated duration <b>30 Days</b>		

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed/Typed) <b>Ginger Stringham</b>	Date <b>10/30/2006</b>
Title <b>Agent</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>11-21-06</b>
Title <b>ENVIRONMENTAL MANAGER</b>		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

**Federal Approval of this  
Action is Necessary**

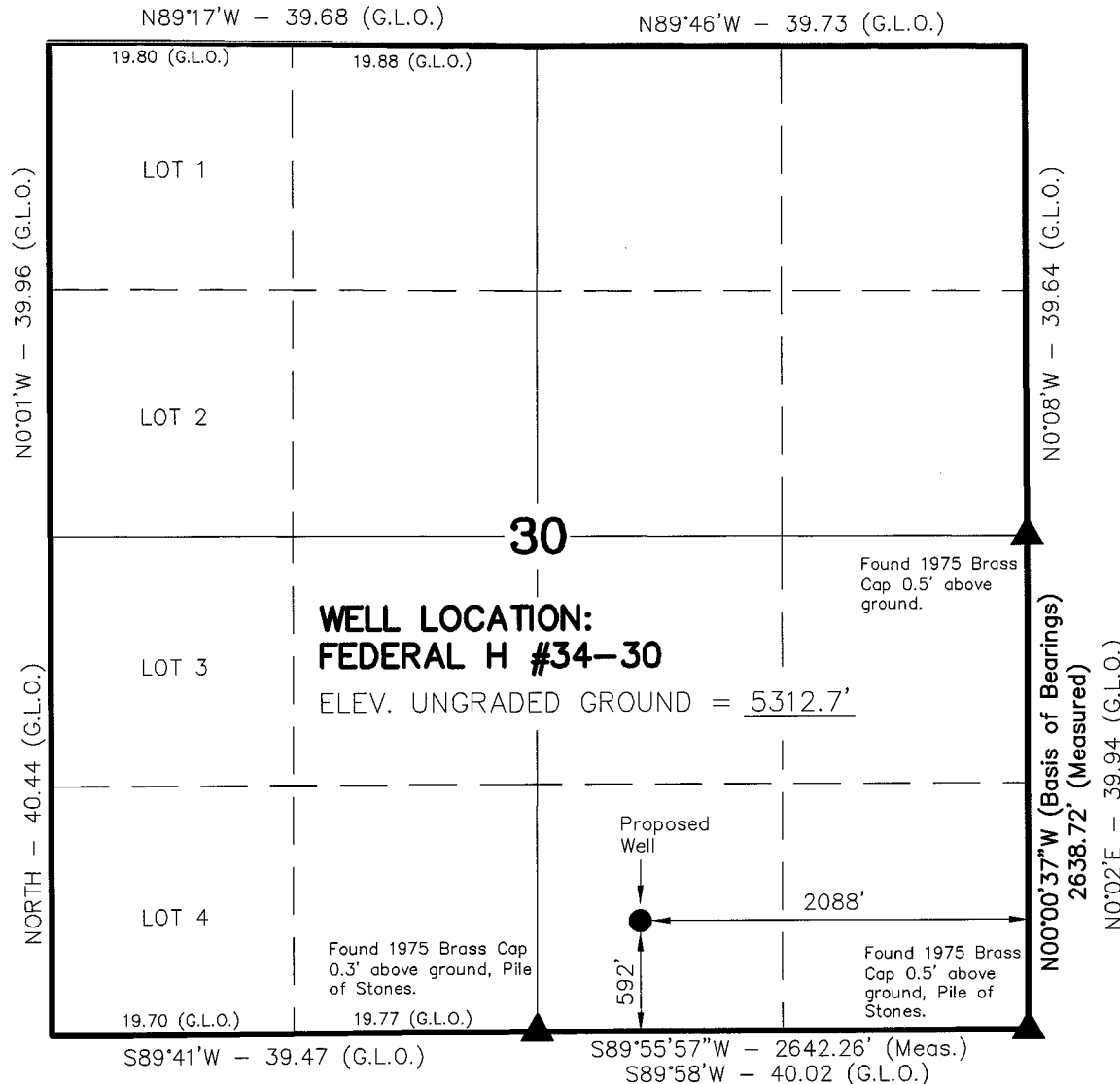
**RECEIVED**

**OCT 31 2006**

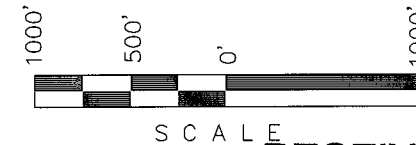
**DIV. OF OIL, GAS & MINING**

# T10S, R24E, S.L.B.&M.

SUMMIT OPERATING, LLC



WELL LOCATION, FEDERAL H #34-30,  
LOCATED AS SHOWN IN THE SW 1/4  
SE 1/4 OF SECTION 30, T10S, R24E,  
S.L.B.&M UINTAH COUNTY, UTAH.



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## NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES AND ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 362251  
STATE OF UTAH  
KOLBY R. KAY

## TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078  
(435) 789-1365

DATE SURVEYED: 10-26-06	SURVEYED BY: B.J.S.	SHEET <b>2</b> OF 10
DATE DRAWN: 10-27-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

▲ = SECTION CORNERS LOCATED  
BASIS OF ELEVATION IS BENCH MARK 87 EAM 1965  
LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 1,  
T12S, R23E, S.L.B.&M. THE ELEVATION OF THIS  
BENCH MARK IS SHOWN ON THE ARCHY BENCH SE  
7.5 MIN. QUADRANGLE AS BEING 5887'.

**FEDERAL H #34-30**  
**(Proposed Well Head)**  
**NAD 83 Autonomous**  
LATITUDE = 39° 54' 51.70"  
LONGITUDE = 109° 15' 17.23"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

***SUBMIT IN TRIPLICATE***

Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator

Summit Operating, LLC

Address and Telephone No.

PO BOX 683909 Park City, UT 84068 435-940-9002

Location of Well (Footage, Sec., T., R., M., or Survey Description)

592' FSL & 2089' FEL Sec. 30, T10S, R24E

5. Lease Designation and Serial No.

UTU-66421

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal H #34-30

9. API Well No.

43-047-33263

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah Utah

**CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Summit Operating excepts operatorship of the subject well effective as of October 30, 2006 at midnight.

Ginger Stringham  
PO BOX 790203  
Vernal, UT 84079  
435-789-4162

4. I hereby certify that the foregoing is true and correct

Signed Ginger Stringham Title Agent Date 10/30/06

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions on Reverse Side

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DIV. OF OIL, GAS & MINING

October 30, 2006

Paradigm Consulting  
PO BOX 790203  
Vernal, UT 84079

BLM, Vernal Field Office  
170 S 500 E  
Vernal, UT 84078

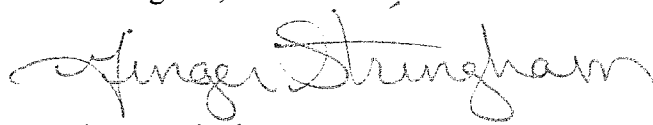
RE: Summit Operating, LLC  
UTU-66421  
Federal H #34-30

Dear Sir or Madam:

Summit Operating, LLC respectfully requests a lease suspension due to lack of rig availability. The lease for the subject well is due to expire December 18, 2006.

If you have any further questions or concerns, please feel free to contact me at 435-789-4162.

Best regards,

A handwritten signature in cursive script that reads "Ginger Stringham". The signature is written in dark ink and is positioned above the printed name.

Ginger Stringham

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**Ten Point Plan**

**Summit Operating LLC**

**Federal H #34-30**

**Surface Location SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,**

**Section 30, T10S. R24E.**

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1. **Surface Formation**  
**Green River**

2. **Estimated Formation Tops and Datum:**

Formation		Depth	Subsea
Green River		Surface	+5,312' G.R.
Wasatch	Oil/Gas	2,580'	+2,732'
Mesa Verde	Oil/Gas	4,480'	+ 832'
Mancos	Oil/Gas	6,300'	- 988'
TD		7,100'	-1,788'

All fresh water prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. **Producing Formation Depth:**

Objective Formations include the Wasatch 2,580' - 4,480', Mesa Verde 4,480' - 6,300' and the Mancos 6,300' - 7,100'.

4. **Proposed Casing:**

Hole Size	Casing Size	Weight/FT	Coupling & Tread	Casing Depth	New/Used
17 1/4	13 3/8	61#	ST&C	300'	NEW
12 1/4	8 5/8	24#	ST&C	2,500'	NEW
7 7/8	4 1/2	11.6#	LT&C	7,100'	NEW

**Cement Program:**

**Conductor casing #1 will be cemented as follows from 0'-40':**

**Note: Cement Volume = Gauge hole + 50%**

Casing Size	Cement Type	Cement Amounts	Cement Yield	Water Mix	Cement Weight
Lead:					
13 3/8"	Class "G"	360 sks +/-	1.18ft <sup>3</sup> /sk	5	15.6 ppg
	6 bag mix ready mix				

**The Surface Casing will be cemented as follows from 0'- 2,500':**

**Cement volume = Gauge hole + 50%**

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Water Mix</u>	<u>Cement Weight</u>
Lead: 8 5/8"	Premium "5" 16% Gel 10#/sk Gilsonite 3% Salt 3#/sk GB3 0.25#/sk Flocele	700 sks. +/-	3.82ft <sup>3</sup> /sk	23	11.0 ppg

**Production casing will be cemented as follows from 2,380'- 7,100':**

**Note: Lead should be 200' above the Wasatch.**

**Cement volume = Gauge hole + 25%**

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Water Mix</u>	<u>Cement Weight</u>
Lead: 4 1/2"	Premium "5" 16% Gel 10#/sk Gilsonite 3% Salt 3#/sk GB3 0.25#/sk flocele	920 sks. +/-	3.82ft <sup>3</sup> /sk	23	11.0 ppg

**5. BOP and Pressure Containment Data:**

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. An upper kelly cock to the required pressure rating with a handle available shall be employed.

The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

**6. Mud Program:**

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-2,300	Air/Clear Water	-----	No Control	Water/Gel
2,300-T.D.	8.4-12.0	30-45	8-10	LSND water based mud system

**Note:** Mud weights may exceed 12.0 due to solids increasing at or near T.D. Increased weights are not required to control formation pressure. Operator will have on location sufficient mud and weight material to increase mud weight to 12.0 at any time while drilling the subject well. Visual mud monitoring incorporating pit level indicators shall be used.

**7. Testing, Coring, Sampling and Logging:**

- a) DST: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Mud Sampling: Every 10' from 2,300' to T.D.
- d) Logging: 

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

**8. Abnormalities (including sour gas)**

Anticipated bottom hole pressure will be less than 3000 psi. No abnormal pressures, temperatures or other hazards are anticipated. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

**9. Other facets of the proposed operation:**

**Off set well information:**

**Producing Wells:**

**FED H 21-31**

**FED H 12-30**

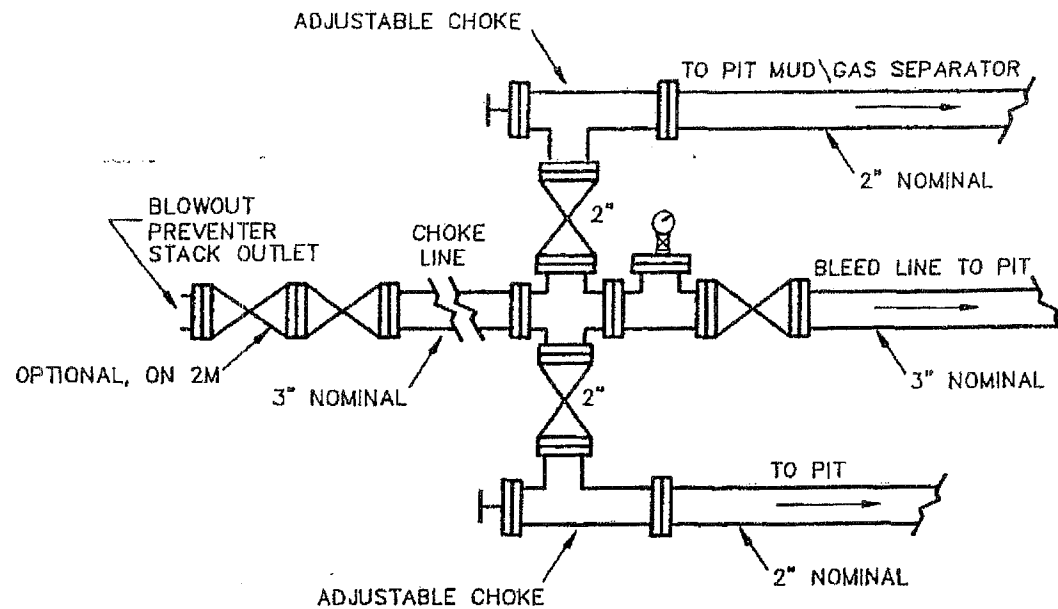
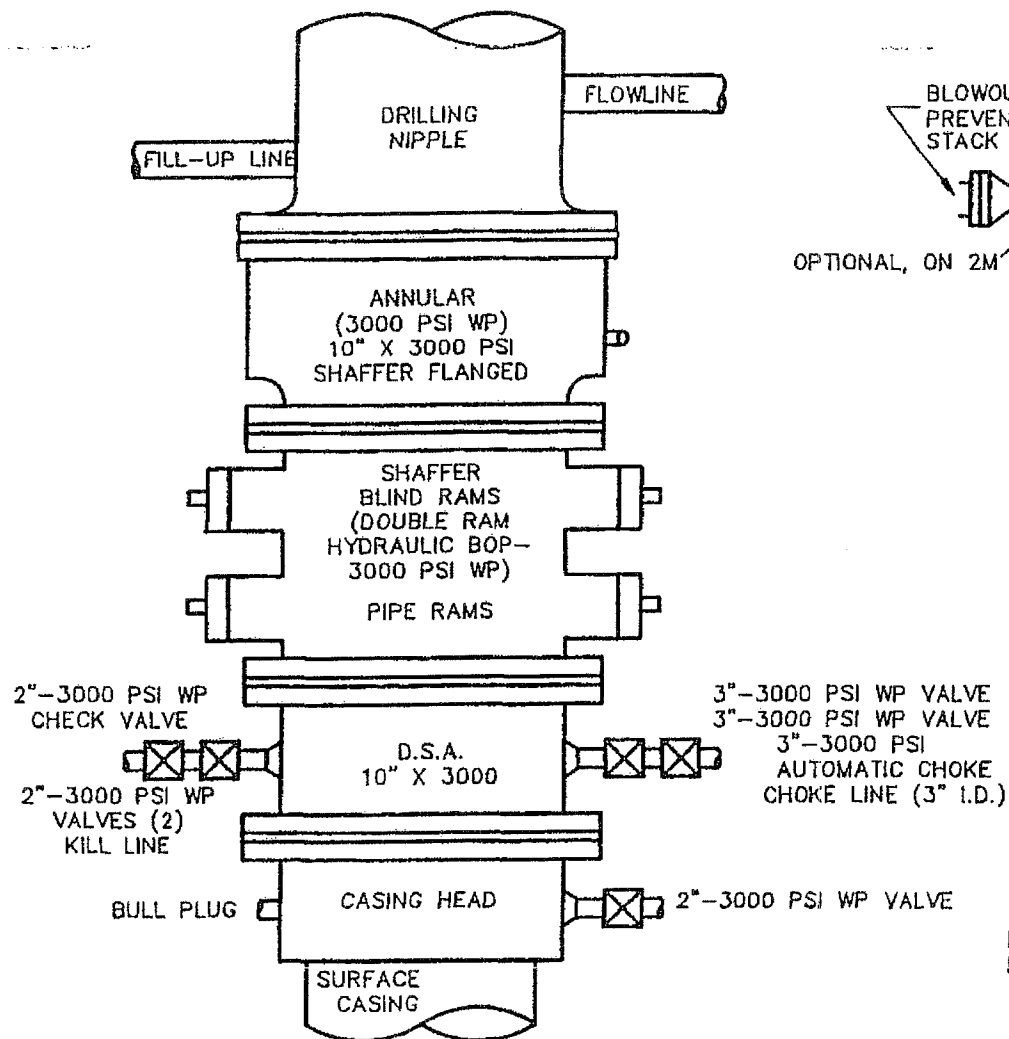
**Shut in Wells:**

**FED H 14-30**

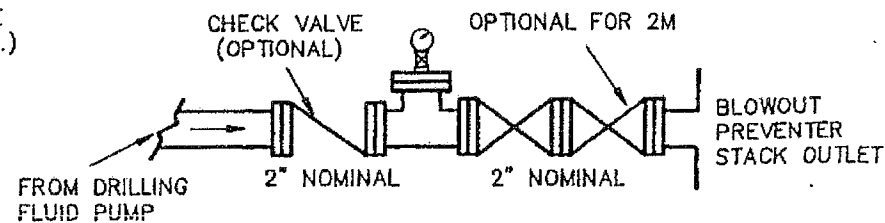
**10. Drilling Schedule:**

The anticipated starting date is upon approval. Duration of operations is expected to be 30 days.

# BOP SCHEMATIC 3000 PSI WORKING PRESSURE



TYPICAL CHOKE MANIFOLD ASSEMBLY  
FOR 3M RATED WORKING  
PRESSURE SERVICE - SURFACE INSTALLATION



TYPICAL KILL LINE ASSEMBLY FOR 3M RATED  
WORKING PRESSURE SERVICE - SURFACE INSTALLATION

**SUMMIT OPERATING LLC**  
**13 POINT SURFACE USE PLAN**  
**FOR WELL**  
**FEDERAL H 34-30**  
**LOCATED IN SW ¼ SE ¼**  
**SECTION 30, T.10S, R24E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: UTU-66421**  
**SURFACE OWNERSHIP: FEDERAL**

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1. Existing Roads:

**Summit Operating, LLC  
Federal H #34-30  
Section 30, T10S, R 24E**

**Starting in Vernal, Utah: Proceed in an easterly, then southerly direction from Vernal, Utah along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 40.5 miles to the junction of the Dragon Road (County B Road 4180). This road is located approximately 4.5 miles south of Bonanza, Utah. Exit left and proceed in a southeasterly direction along County B road 4180 approximately 4.0 miles to the junction of the Kings Well Road (County B road 4190). Exit right and proceed in a southwesterly direction along County B road 4190 approximately 8.1 miles to the intersection of the East Fork Asphalt Wash Road (County road 4250); Exit right and proceed in a northeasterly direction along County B road 4250 approximately 5.8 miles to the intersection of the Asphalt Wash Road (County B road 4160); Exit right and proceed along county B road 4160 in a northerly direction approximately 3.0 miles to the intersection of county B road 4170; Exit right and proceed in a southeasterly direction along county B road 4170 approximately 1.0 miles to the intersection of a service road in a southwesterly**

**direction approximately 0.1 miles to the proposed well location.**

**Total distance from Vernal, Utah to the proposed well location is approximately 65.8 miles.**

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

**The proposed access road will be approximately 528' of new construction on lease. The road will be graded once per year minimum and maintained.**

A) Approximate length	528 ft
B) Right of Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	8%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface ownership	Federal
L) All new construction on lease	Yes
M) Pipe line crossing	None

Please see the attached location plat for additional details.

**An off lease right-of-way will not be required.**

All surface disturbances for the road and location will be within the lease boundary.

### 3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

- |  |             |
|--|-------------|
| <b>A) Producing well</b>                 |             |
| <b>Fed H 12-30</b>                       |             |
| <b>Fed H 21-31</b>                       |             |
| <b>B) Water well</b>                     | <b>None</b> |
| <b>C) Abandoned well</b>                 |             |
| <b>Southman Canyon U 6</b>               |             |
| <b>Fed H 34-31</b>                       |             |
| <b>D) Temp. abandoned well</b>           | <b>None</b> |
| <b>E) Disposal well</b>                  | <b>None</b> |
| <b>F) Drilling /Permitted well</b>       | <b>None</b> |
| <b>G) Shut in wells</b>                  |             |
| <b>Fed H 14-30</b>                       |             |
| <b>H) Injection well</b>                 | <b>None</b> |
| <b>I) Monitoring or observation well</b> | <b>None</b> |

Please see the attached map for additional details.

### 4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Olive Black** color. Facilities required to comply with

O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Olive Black**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 CFR 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

**Approximately 2,450' of 3" steel surface gas gathering line would be constructed on Federal Lands. The line is proposed as surface due to topography, sensitive soils and bedrock sandstone. The line will tie into a pipeline for the Federal 21-31 in Section 31, T10S, R24E. The pipeline would be strung and boomed to the southwest of the location. A 15' permanent right-of-way will be required and a 30' right-of-way will be necessary during construction for one week.**

**An off lease right-of-way will be required for approximately 1950'.**

**Please see the attached location diagrams for pipeline location.**

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

**Water for drilling and cementing will come from The White River Permit # T-75872. Approximately 1.3 acre feet of water will be used for the subject well.**

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and

access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **10 ft.** deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. **Evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation.**

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

<b>A) Pad length</b>	<b>325 ft.</b>
<b>B) Pad width</b>	<b>155 ft.</b>
<b>C) Pit depth</b>	<b>10 ft.</b>
<b>D) Pit length</b>	<b>190 ft.</b>
<b>E) Pit width</b>	<b>60 ft.</b>
<b>F) Max cut</b>	<b>26.4 ft.</b>
<b>G) Max fill</b>	<b>14.5 ft.</b>
<b>H) Total cut yds.</b>	<b>8,560 cu yds</b>
<b>I) Pit location</b>	<b>West end</b>
<b>J) Top soil location</b>	<b>South end</b>
<b>K) Access road location</b>	<b>North end</b>
<b>L) Flare Pit</b>	<b>Corner B</b>

**(The reserve pit calculations reflect a 10' wide bench around the exterior of the pit.)**

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the

pit area. The topsoil removed and piled will amount to approximately **1,160** cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. **The unused portion of the location (the area outside the dead men) will be re-contoured.**

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities. Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled.

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Interim Seed Mix

**4#/acre Indian Rice Grass**  
**4#/acre Crested Wheat Grass**  
**4#/acre Needle & Thread Grass**

11. Surface ownership:

<b>Access road</b>	<b>Federal</b>
<b>Location</b>	<b>Federal</b>
<b>Pipe line</b>	<b>Federal</b>

12. Other information:

A) Vegetation

The vegetation coverage is slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

**The nearest water is the White River located 3 miles +/- to the North.**

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction  
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion  
prior to moving on the drilling rig.
- c) Spud notice  
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing  
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests  
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice  
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in **corner B** of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

Ginger Stringham  
Paradigm Consulting  
PO BOX 790203  
Vernal, UT 84079

Office 435-789-04162  
Fax 435-789-8188  
Cellular 435-790-4163

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation

proposed herein will be preformed by Summit Operating, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for filing of a false statement.

**Onsite Dates:**

**Self Certification Statement**

**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**


**Please be advised that The Houston Exploration Company is considered to be the operator of the following well:**

**Federal H #34-30  
Section 30, T. 10S, R. 24E  
SW ¼ of the SE ¼  
Lease UTU-66421  
Uintah County, Utah**

**The Summit Operating, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond UTB-000014 provides state-wide bond coverage on all Federal Lands.**

Date 10/30/06

  
Ginger Stringham, Agent  
Paradigm Consulting

### **Statement of use of Hazardous Materials**

No chemical(s) from the EPA's consolidated list of Chemicals Subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

Ginger Stringham  
Summit Operating, LLC  
Paradigm Consulting, INC  
PO BOX 790203  
Vernal, UT 84079

435-789-4162 Office  
435-789-8188 Fax

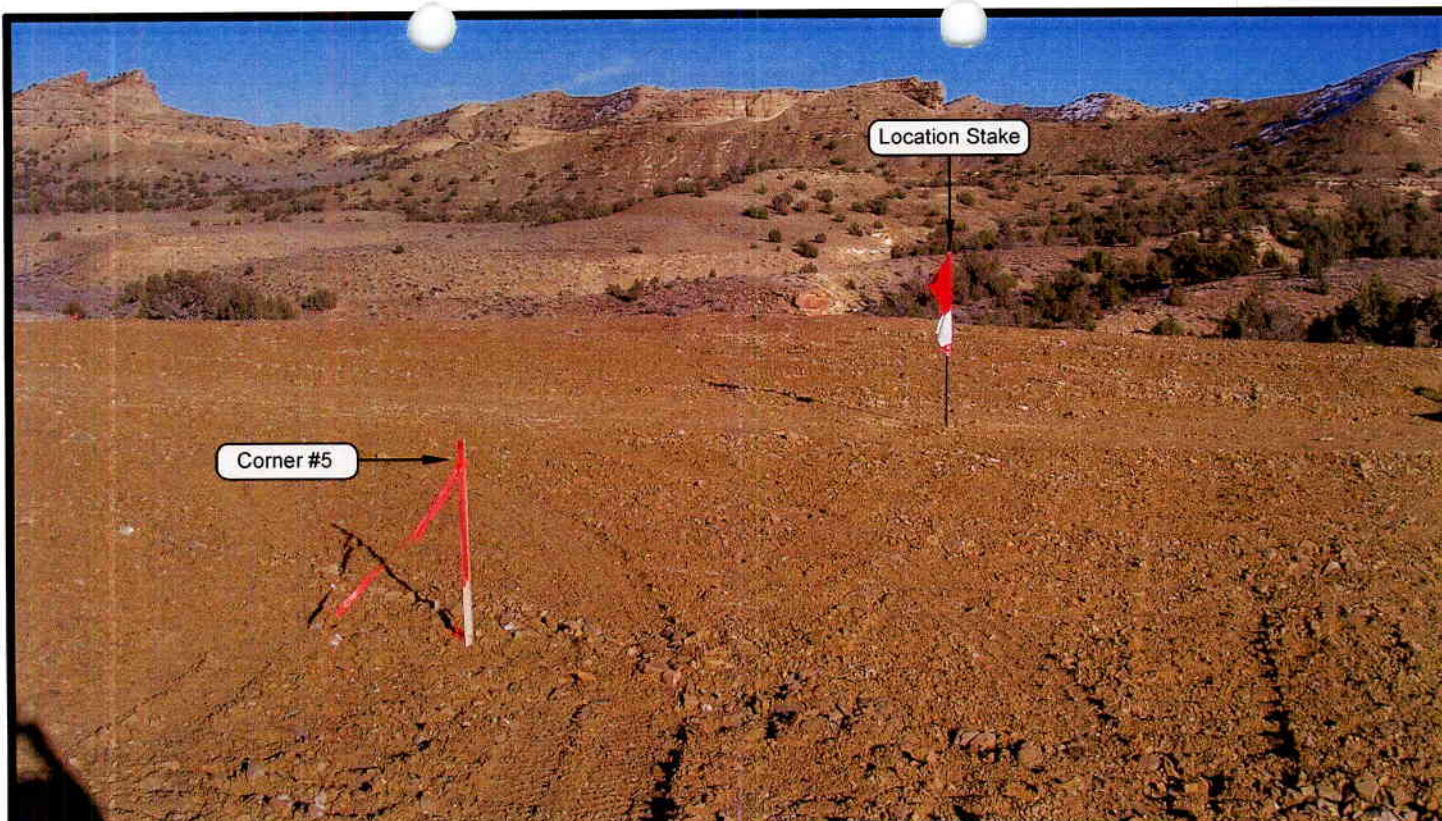


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

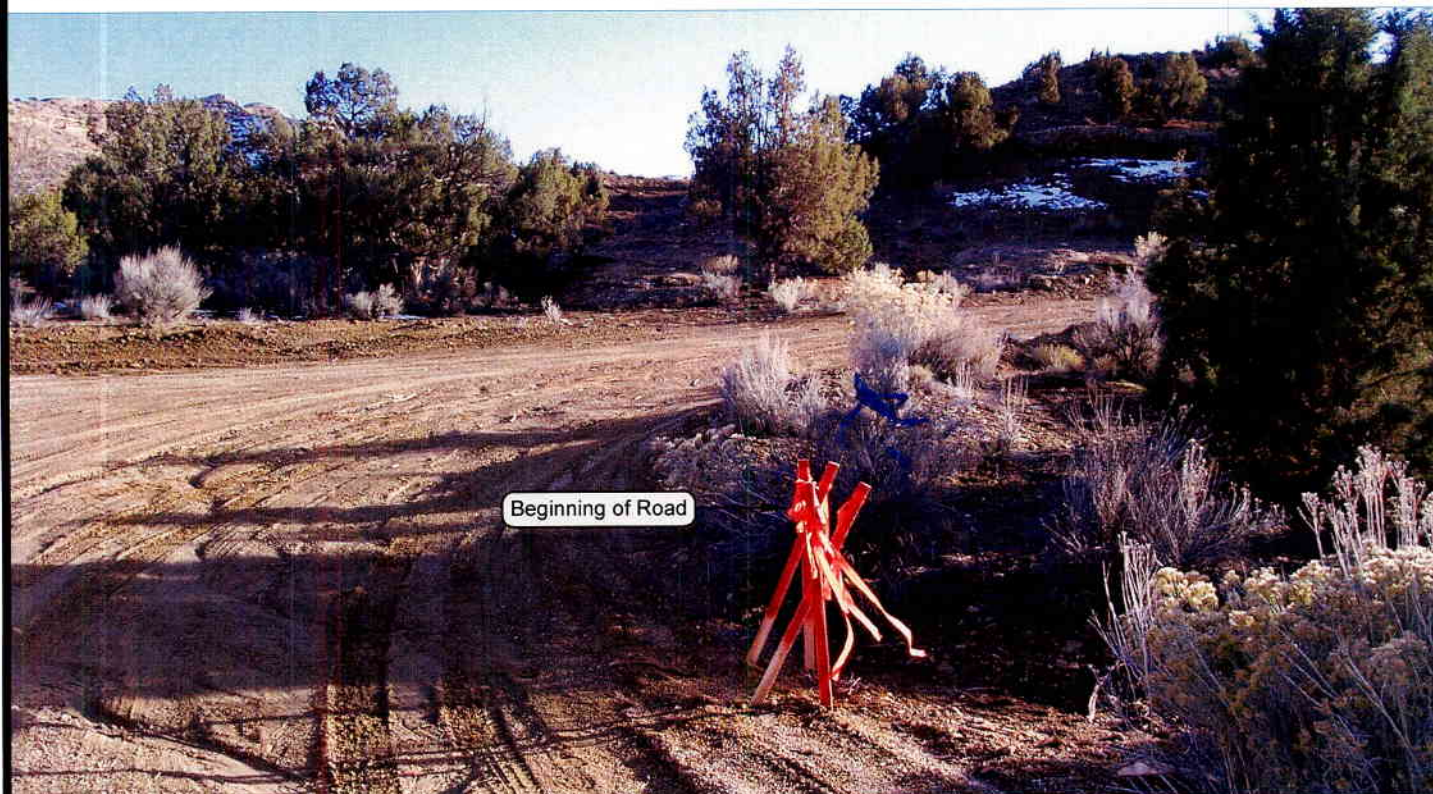


PHOTO VIEW: FROM BEGINNING OF ACCESS ROAD

CAMERA ANGLE: SOUTHWESTERLY

**SUMMIT OPERATING, LLC**

**FEDERAL H #34-30  
SECTION 30, T10S, R24E, S.L.B.&M.  
592' FSL & 2088' FEL**

**LOCATION PHOTOS**

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

REVISED:

DATE TAKEN: 10-26-06

DATE DRAWN: 10-27-06

**Timberline Land Surveying, Inc.**  
38 West 100 North Vernal, Utah 84078  
(435) 789-1365

**SHEET  
1  
OF 10**

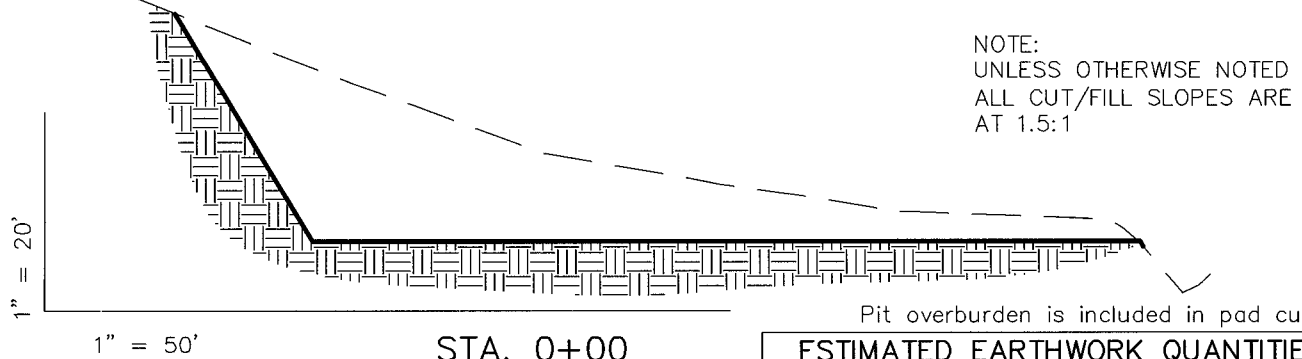
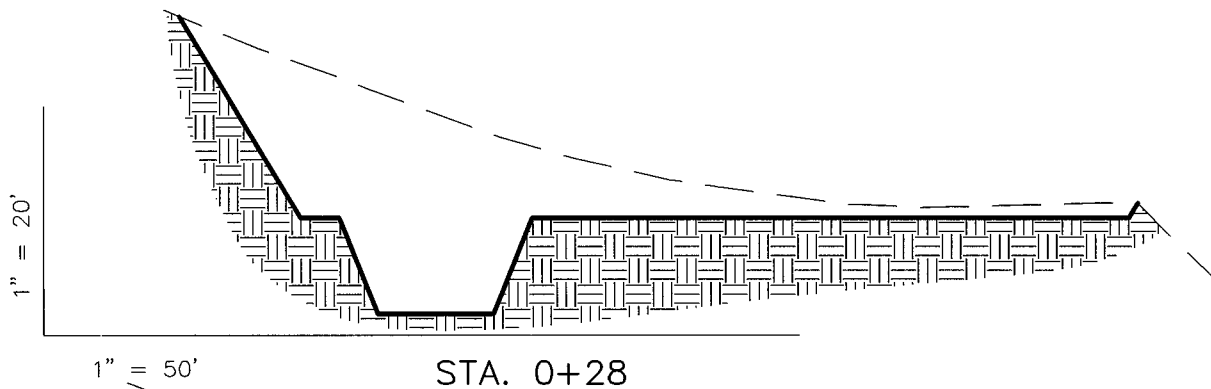
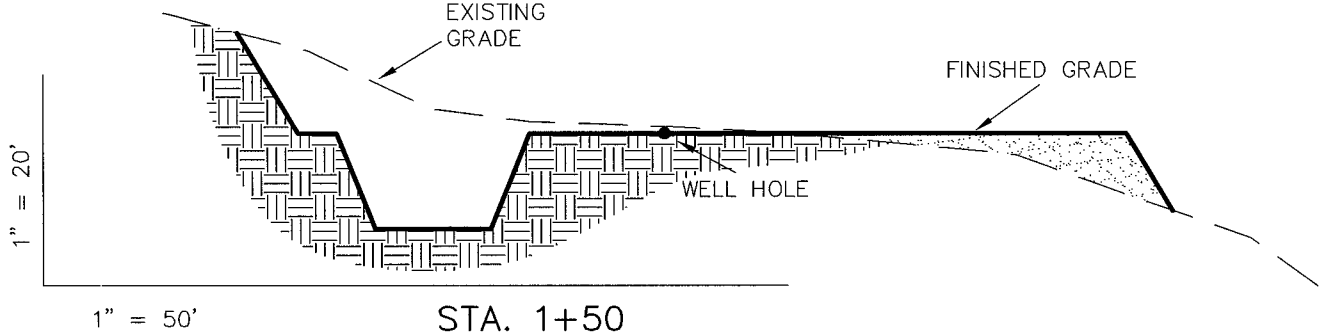
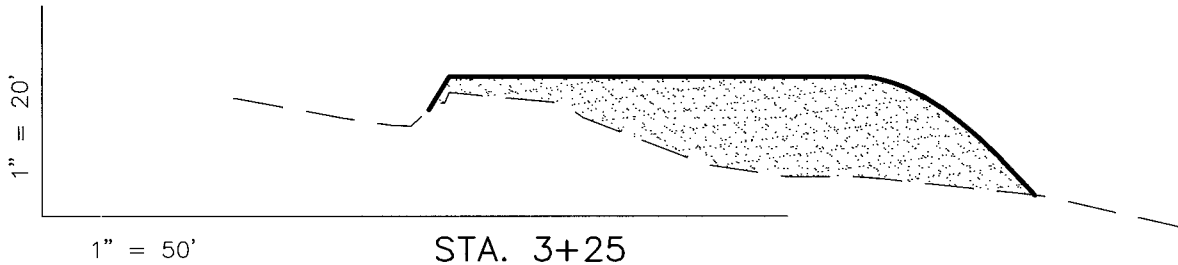


~~DIV. OF OIL, GAS & MINING~~

Section 30, T10S, R24E, S.L.B.&M.		Qtr/Qtr Location: SW SE		Footage Location: 592' FSL & 2088' FEL	
Date Surveyed: 10-26-06	Date Drawn: 10-27-06	Date Last Revision:	<i>Timberline</i> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078		SHEET 3 OF 10
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 50'			

# SUMMIT OPERATING, LLC

## CROSS SECTIONS FEDERAL H #34-30



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

Pit overburden is included in pad cut.

### REFERENCE POINTS

170' SOUTHEASTERLY = 5296.0'  
220' SOUTHEASTERLY = 5288.4'  
200' SOUTHWESTERLY = 5321.9'  
250' SOUTHWESTERLY = 5325.3'

### ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,420	5,360	Topsoil is not included in Pad Cut	1,060
PIT	2,140	0		2,140
TOTALS	8,560	5,360	1,160	3,200

Excess Material after Pit Rehabilitation = 1,060 Cu. Yds.

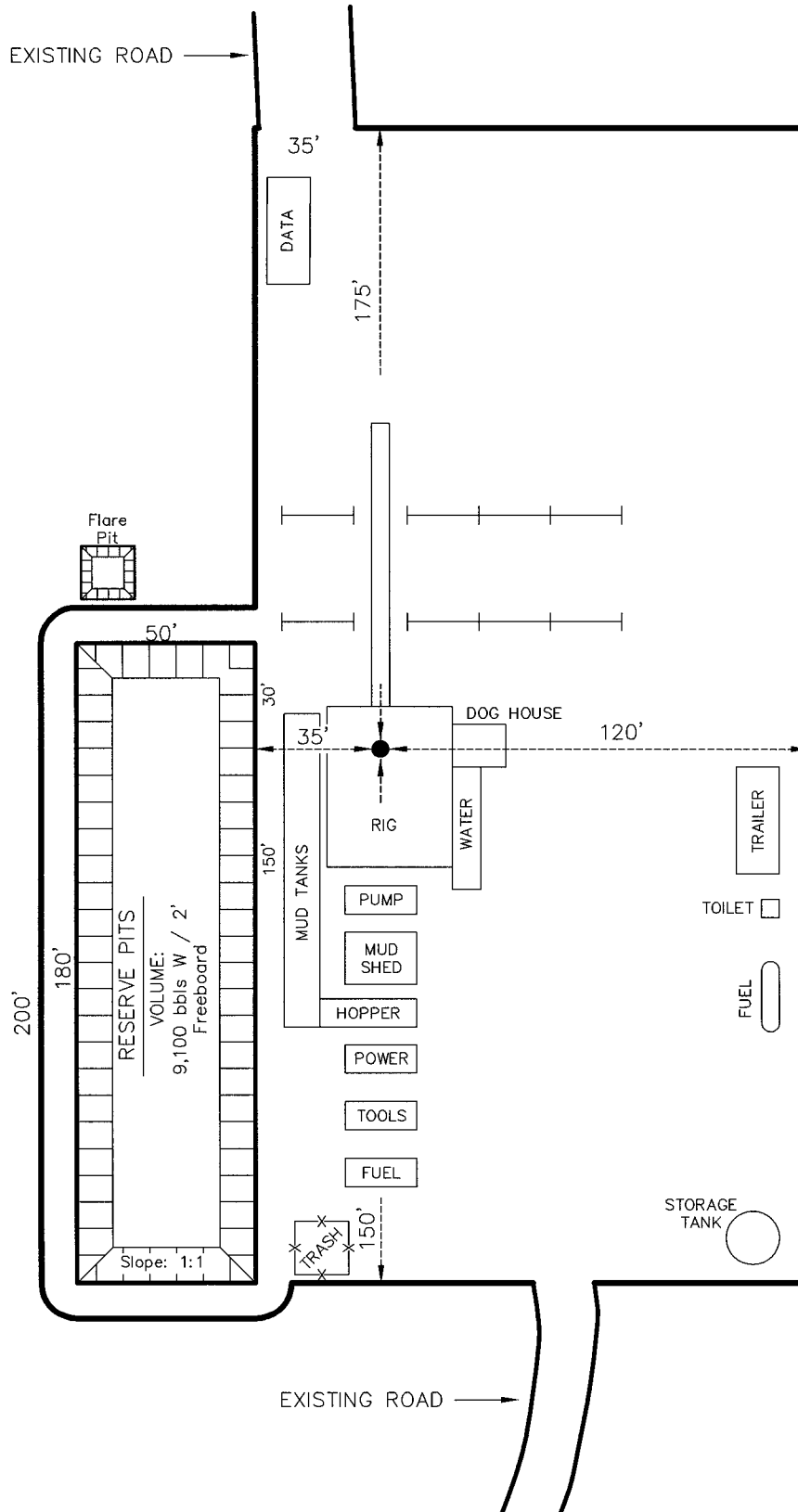
Section 30, T10S, R24E, S.L.B.&M.	Qtr/Qtr Location: SW SE	Footage Location: 592' FSL & 2088' FEL
Date Surveyed: 10-26-06	Date Drawn: 10-27-06	Date Last Revision:
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 50'

**Timberline**  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078  
(435) 789-1365

**SHEET**  
**4**  
**OF 10**

# SUMMIT OPERATING, LLC

## TYPICAL RIG LAYOUT FEDERAL H #34-30



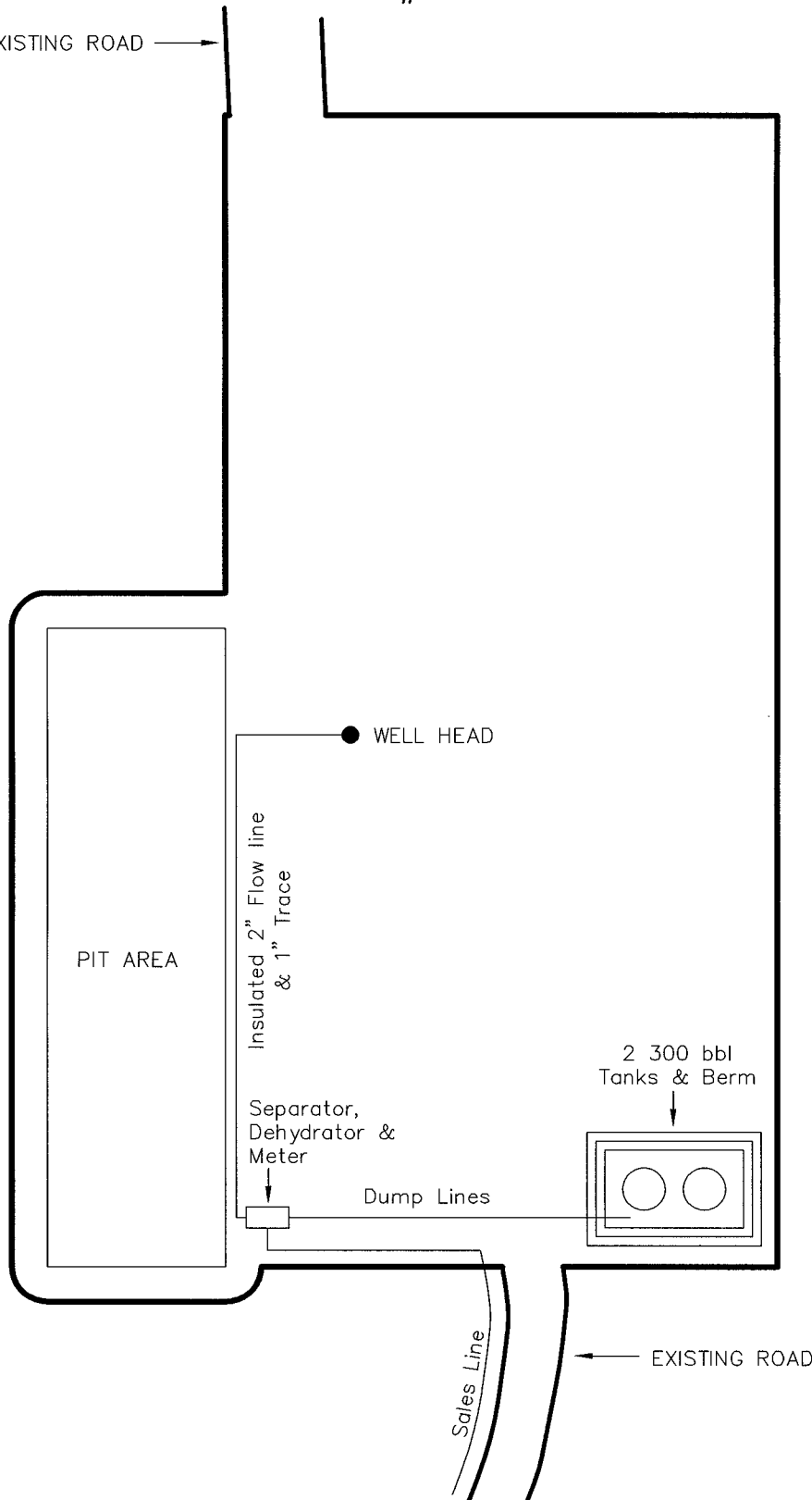
Section 30, T10S, R24E, S.L.B.&M.		Qtr/Qtr Location: SW SE	Footage Location: 592' FSL & 2088' FEL
Date Surveyed: 10-26-06	Date Drawn: 10-27-06	Date Last Revision:	<b>Timberline</b> (435) 789-1365
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 50'	<b>Land Surveying, Inc.</b>
38 WEST 100 NORTH VERNAL, UTAH 84078			<b>SHEET 5 OF 10</b>

# SUMMIT OPERATING, LLC

## TYPICAL PRODUCTION LAYOUT

FEDERAL H #34-30

EXISTING ROAD →



Section 30, T10S, R24E, S.L.B.&M.

Qtr/Qtr Location: SW SE

Footage Location: 592' FSL & 2088' FEL

Date Surveyed:  
10-26-06

Date Drawn:  
10-27-06

Date Last Revision:

**Timberline** (435) 789-1365  
Land Surveying, Inc.

SHEET

Surveyed By: B.J.S.

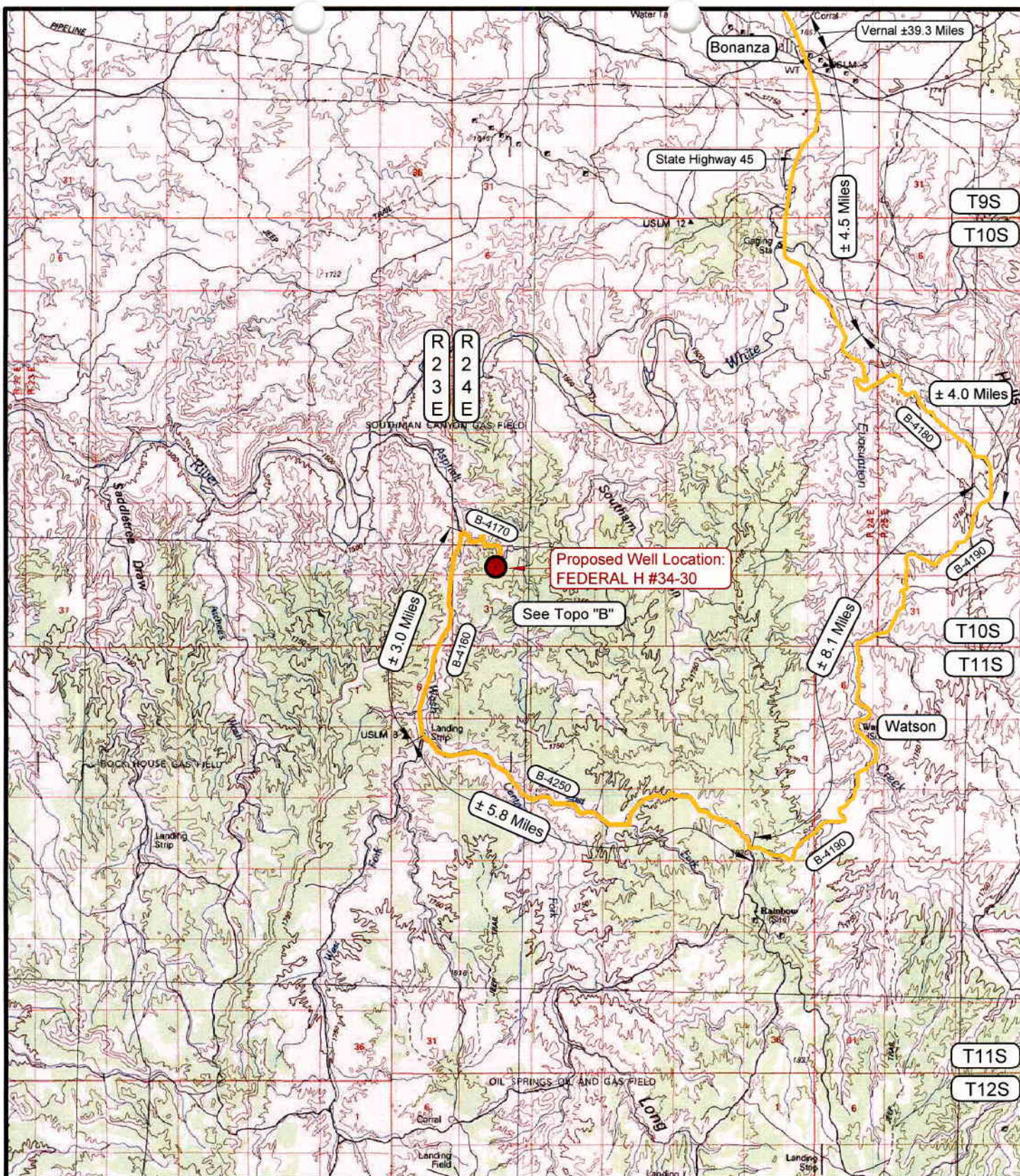
Drawn By: M.W.W.

Scale: 1" = 50'

38 WEST 100 NORTH VERNAL, UTAH 84078

6

OF 10



# LEGEND

PROPOSED ACCESS ROAD  
 ■■■■ = SUBJECT WELL  
 ■■■■ = OTHER WELLS  
 — = EXISTING ROAD  
 — = EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS  
 & NUMBER

## TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'

DRAWN BY: A.D.F.

DATE SURVEYED: 10-26-06

DATE DRAWN: 10-27-06

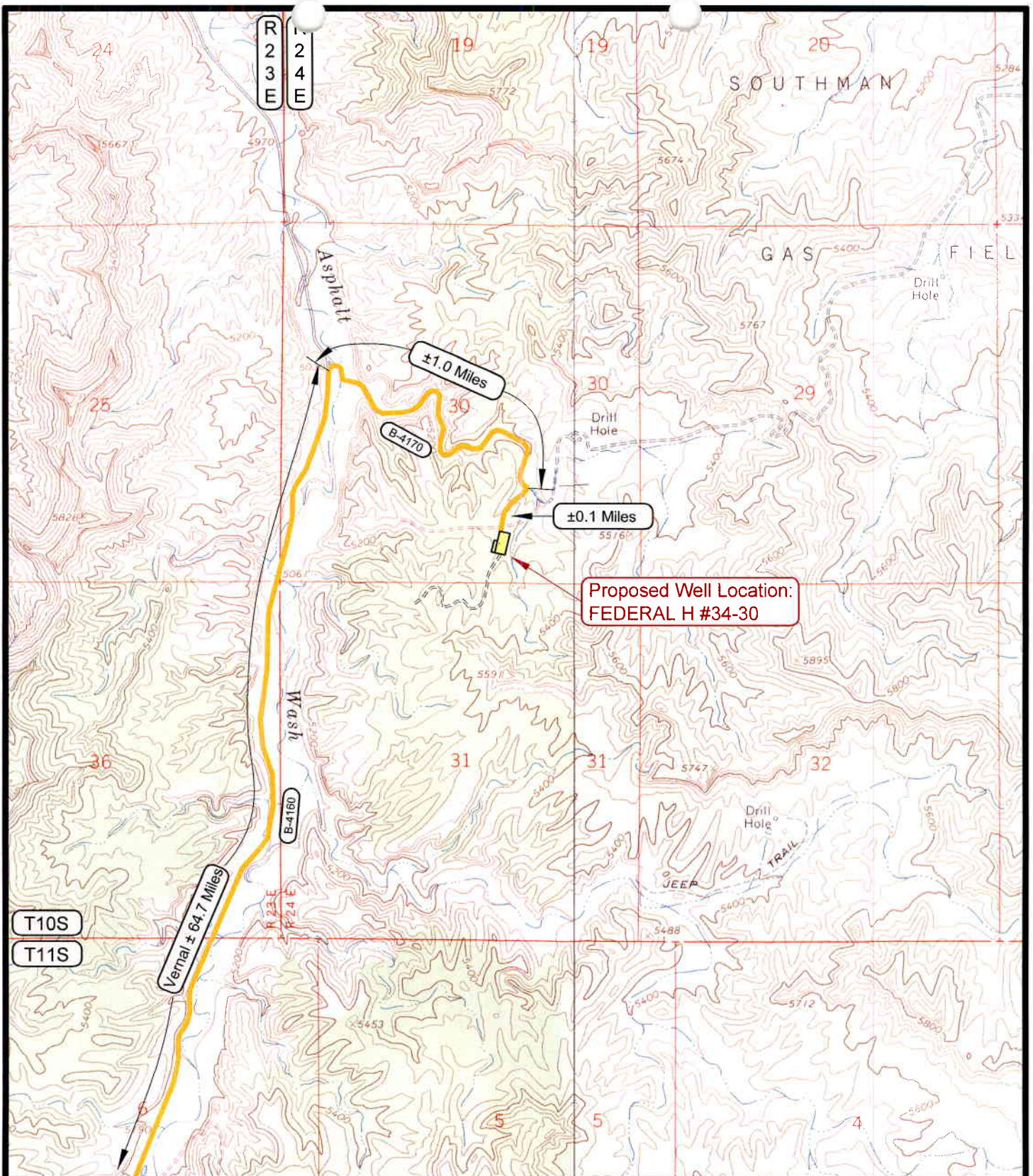
REVISED:

## SUMMIT OPERATING, LLC

FEDERAL H #34-30  
 SECTION 30, T10S, R24E, S.L.B.&M.  
 592' FSL & 2088' FEL

Timberline Land Surveying, Inc.  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

SHEET  
 7  
 OF 10



#### LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

#### TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: A.D.F.

DATE SURVEYED: 10-26-06

DATE DRAWN: 10-27-06

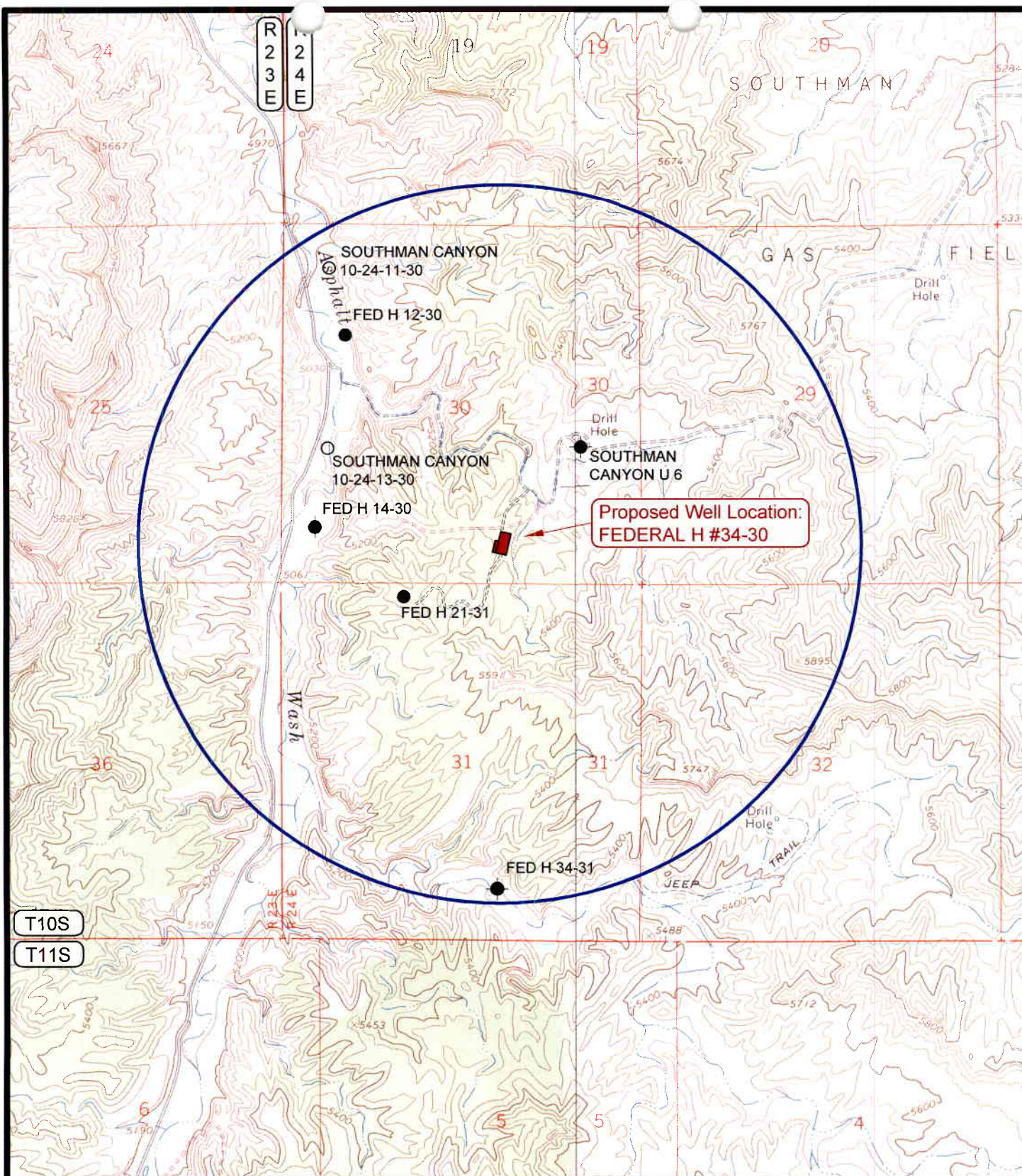
REVISED:

#### SUMMIT OPERATING, LLC

**FEDERAL H #34-30**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**592' FSL, 2088' FEL**

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**8**  
**OF 10**



#### LEGEND

- |                    |                                |
|--------------------|--------------------------------|
| ○ = DISPOSAL WELL  | ○ = WATER WELL                 |
| ● = PRODUCING WELL | ● = ABANDONED WELL             |
| ● = SHUT IN WELL   | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL  | ⊕ = ABANDONED LOCATION         |

#### TOPOGRAPHIC MAP "C"

SCALE: 1" = 2000'

DRAWN BY: A.D.F.

DATE SURVEYED: 10-26-06

DATE DRAWN: 10-27-06

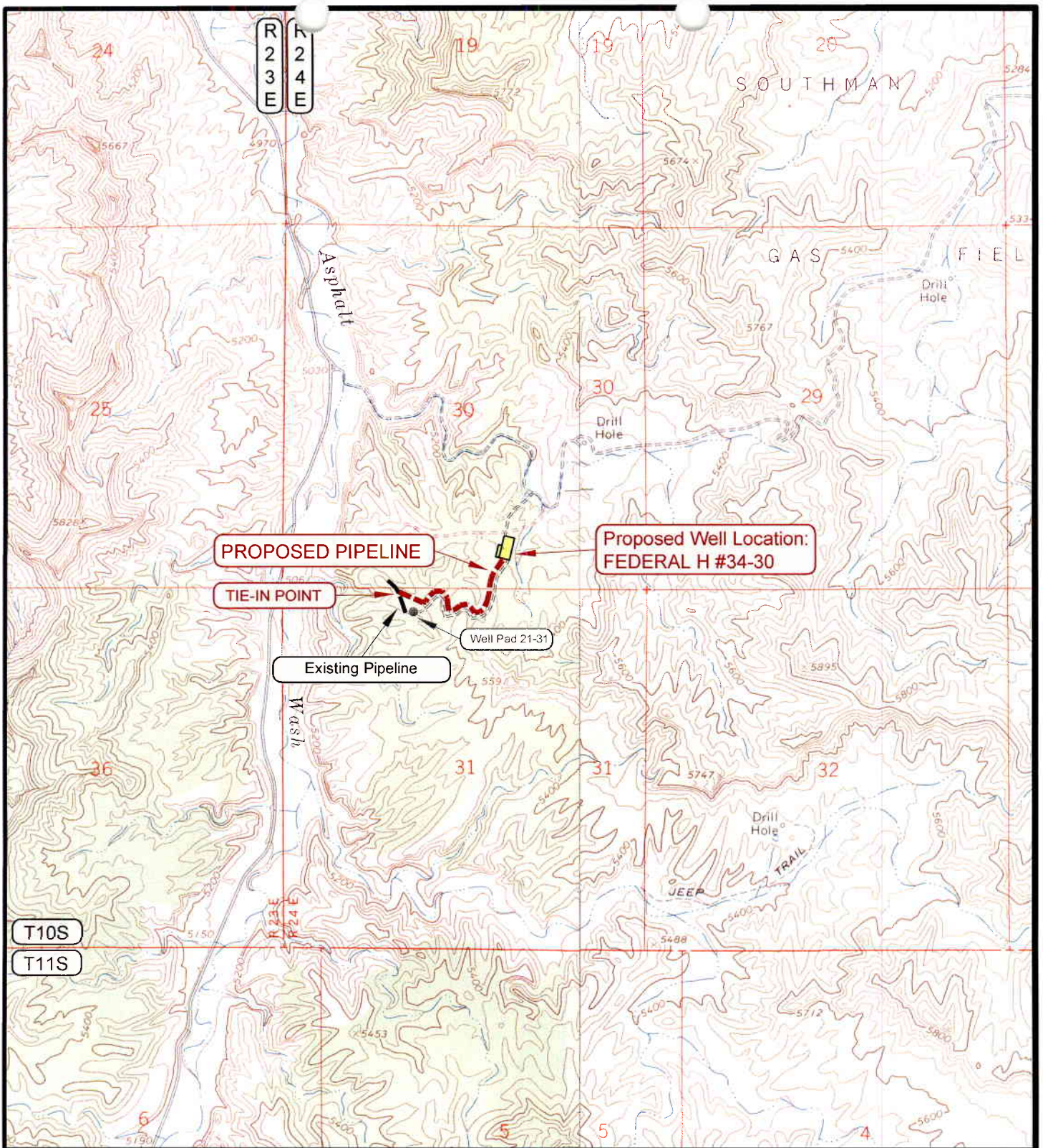
REVISED:

#### SUMMIT OPERATING, LLC

**FEDERAL H #34-30**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**592' FSL, 2088' FEL**

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**9**  
**OF 10**



**APPROXIMATE PIPELINE LENGTH = ±2,450 FEET**

#### LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

**TOPOGRAPHIC MAP "D"**

SCALE: 1" = 2000'

DRAWN BY: A.D.F.

DATE SURVEYED: 10-26-06

DATE DRAWN: 10-27-06

REVISED:

**SUMMIT OPERATING, LLC**

**FEDERAL H #34-30**

**SECTION 30, T10S, R24E, S.L.B.&M.**

**592' FSL, 2088' FEL**

**Timberline Land Surveying, Inc.**

38 West 100 North Vernal, Utah 84078  
(435) 789-1365

**SHEET**

**10**

**OF 10**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/31/2006

API NO. ASSIGNED: 43-047-33263

WELL NAME: FEDERAL H 34-30

OPERATOR: SUMMIT OPERATING LLC ( N2315 )

CONTACT: GINGER STRINGHAM

PHONE NUMBER: 435-940-9001

**PROPOSED LOCATION:**

SWSE 30 100S 240E

SURFACE: 0592 FSL 2088 FEL

BOTTOM: 0592 FSL 2088 FEL

COUNTY: UINTAH

LATITUDE: 39.91431 LONGITUDE: -109.2540

UTM SURF EASTINGS: 649237 NORTHINGS: 4419496

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
-------------	----------	------

Engineering		
-------------	--	--

Geology		
---------	--	--

Surface		
---------	--	--

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66421

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB-000014 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. T-75872 )

☒ RDCC Review (Y/N)

(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

☐ R649-2-3.

Unit: \_\_\_\_\_

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☐ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

☐ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1- Federal Approval  
2- Spacing Strip

T10S R23E T10S R24E

SOUTHMAN CYN  
10-24-11-30

## NATURAL BUTTES FIELD

FED H 12-30

30

SOUTHMAN CYN  
10-24-13-30

SOUTHMAN  
CANYON U 6

FED H 14-30

FEDERAL H  
34-30

FED H 21-30

OPERATOR: SUMMIT OPER LLC (N2315)

SEC: 30 T.10S R. 24E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

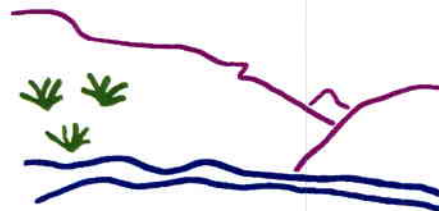
SPACING: R649-3-2 / GENERAL SITING

**Field Status**  
 ■ ABANDONED  
 ■ ACTIVE  
 ■ COMBINED  
 ■ INACTIVE  
 ■ PROPOSED  
 ■ STORAGE  
 ■ TERMINATED

**Unit Status**  
 ■ EXPLORATORY  
 ■ GAS STORAGE  
 ■ NF PP OIL  
 ■ NF SECONDARY  
 ■ PENDING  
 ■ PI OIL  
 ■ PP GAS  
 ■ PP GEOTHERML  
 ■ PP OIL  
 ■ SECONDARY  
 ■ TERMINATED

### Wells Status

✂ GAS INJECTION  
 ✂ GAS STORAGE  
 ✂ LOCATION ABANDONED  
 ✂ NEW LOCATION  
 ✂ PLUGGED & ABANDONED  
 ✂ PRODUCING GAS  
 ✂ PRODUCING OIL  
 ✂ SHUT-IN GAS  
 ✂ SHUT-IN OIL  
 ✂ TEMP. ABANDONED  
 ✂ TEST WELL  
 ✂ WATER INJECTION  
 ✂ WATER SUPPLY  
 ✂ WATER DISPOSAL  
 ✂ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 20-NOVEMBER-2006



**State of Utah**  
**Department of**  
**Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of**  
**Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 21, 2006

Summit Operating LLC  
P.O. Box 683909  
Park City, UT 84068

Re: Federal H 34-30 Well (Reenter), 592' FSL, 2088' FEL, SW SE, Sec. 30,  
T. 10 South, R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33263.

Sincerely,

Gil Hunt  
Associate Director

mf  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal District Office

**Operator:** Summit Operating LLC  
**Well Name & Number** Federal H 34-30  
**API Number:** 43-047-33263  
**Lease:** UTU-66421

**Location:** SW SE **Sec.** 30 **T.** 10 South **R.** 24 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

OIL & GAS INFORMATION SYSTEM																	
FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION GEO LOGS DATABASE QUERY																	
Well Data																	
WELL SEARCH			WELL DATA			WELL HISTORY			WELL ACTIVITY								
API NUMBER		4304733263		TYPE OF WORK		REENTER		UNIT NAME		LEASE NUMBER		UTU-66421		TYPE		1	
<b>APD DATA</b>				PROPOSED DEPTH - APD 7100 PRODUCING ZONE - APD COMMINGLING APPROVED PLANNED START DATE 12 1 2006 WATER PERMIT T-75872 APD CONTACT GINGER STRINGHAM CONTACT PHONE 435-940-9001 NEEDS RDCC REVIEW RDCC REVIEW DONE				<b>SPUD DATES</b> DRY ROTARY <b>SUNDRY REPORT</b> INTENT RECEIVED WORK COMPLETED WORK CANCELED 2 3 2015									
APD RECEIVED		10 31 2006		APD APPROVED		11 21 2006		APD EXTENSION DATE		AUTH CODE		R649-3-2		PROPOSED WELL TYPE		GW	
SINGLE / MULTIPLE ZONES		LOCATION SURF - APD		0592 FSL 2088 FEL		LOCATION ZONE - APD		0592 FSL 2088 FEL		LOGS RUN							
<b>WELL COMPLETION &amp; SUBSEQUENT SUNDRY DATA</b>				REPORT RECEIVED LOCATION AT TD DIRECT.   HORIZ. LATERALS COMPL. COMPLETION DATE TD - MD   TVD PBTD MD   TVD				PRODUCING ZONE MULT. ZONES COMPL. DIR SURV.   CORED   DST COMPLETION METHOD WELL STATUS C WELL TYPE GW PERFORATIONS				DATE FIRST PRODUCED TEST DATE OIL - 24HR TEST GAS - 24HR TEST WATER - 24HR TEST TEST METHOD COMMINGLED CHOKE TUBING PRES. CASING PRES. API GRAVITY 00.00 BTU - GAS GAS-OIL RATIO					
<b>COMMENTS</b>				APD to reenter rescinded (cancelled). Nothing in well file to show when. Permit was not entered into database for some reason, until today 2/3/2015.													
Get History		Create New Rec		Save		Cancel Change		Next Rec		Prev Rec		Print Recd		Export Recd			
Whistorycursor												Record: 3/3		Exclusive		NUM	